# ACTIVE BODYWORKS

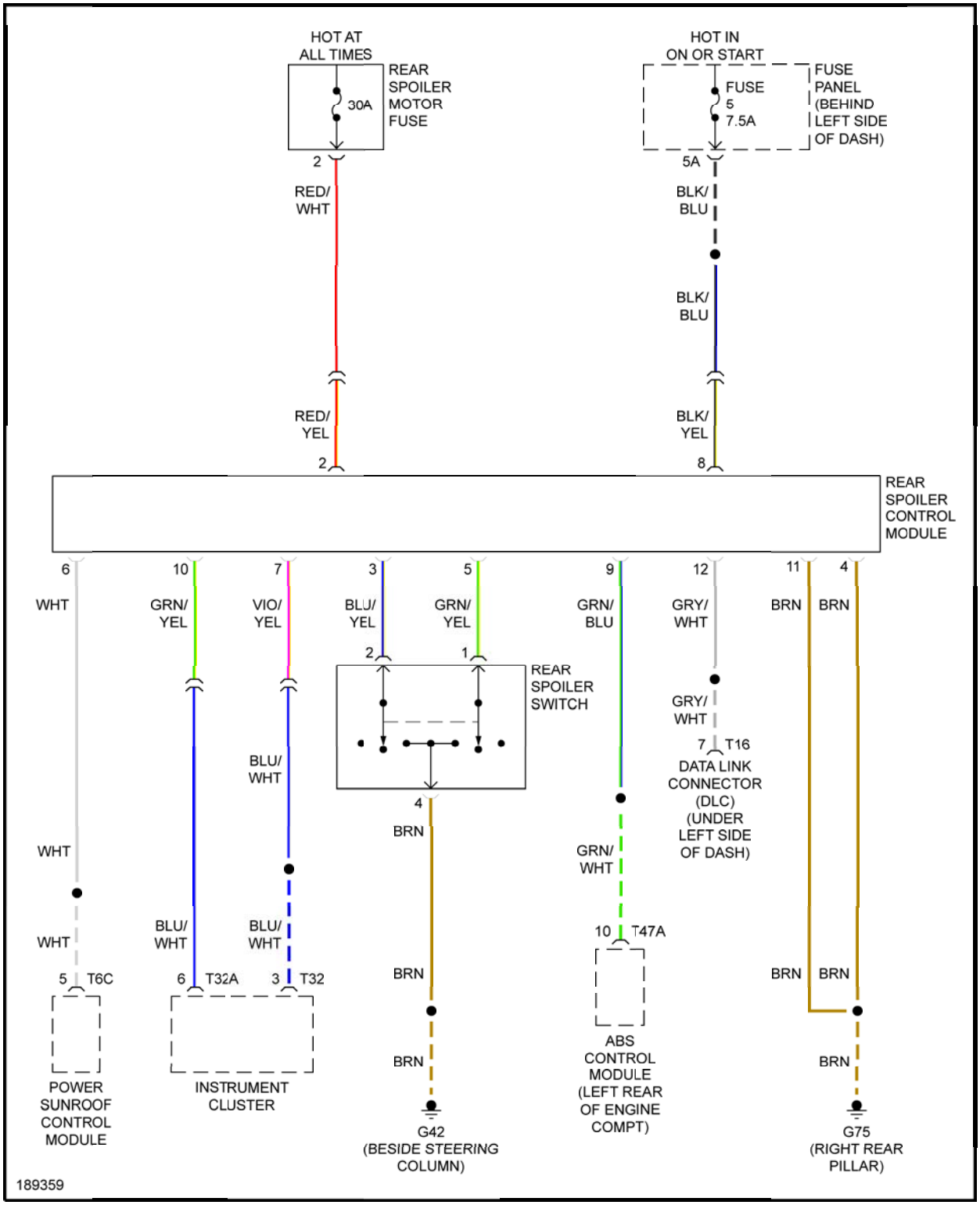
HOT AT ALL TIMES
REAR SPOILER MOTOR FUSE
30A
2
RED/ WHT
RED/ YEL
2
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 5 7.5A
5A
BLK/ BLU
BLK/ BLU
BLK/ YEL
8
REAR SPOILER CONTROL MODULE
6
WHT
WHT
WHT
5 T6C
POWER SUNROOF CONTROL MODULE
10
GRN/ YEL
BLU/ WHT
6 T32A
7
VIO/ YEL
BLU/ WHT
3 T32
INSTRUMENT CLUSTER
3
BLU/ YEL
5
GRN/ YEL
2
1
REAR SPOILER SWITCH
4
BRN
BRN
BRN
G42 (BESIDE STEERING COLUMN)
9
GRN/ BLU
GRN/ WHT
10 T47A
ABS CONTROL MODULE (LEFT REAR OF ENGINE COMPT)
12
GRY/ WHT
GRY/ WHT
7 T16
DATA LINK CONNECTOR (DLC) (UNDER LEFT SIDE OF DASH)
11
BRN
BRN
BRN
4
BRN
BRN
BRN
G75 (RIGHT REAR PILLAR)
189359

**Fig. 1: Active Bodyworks Circuit**

# AIR CONDITIONING

## 1.8L TURBO

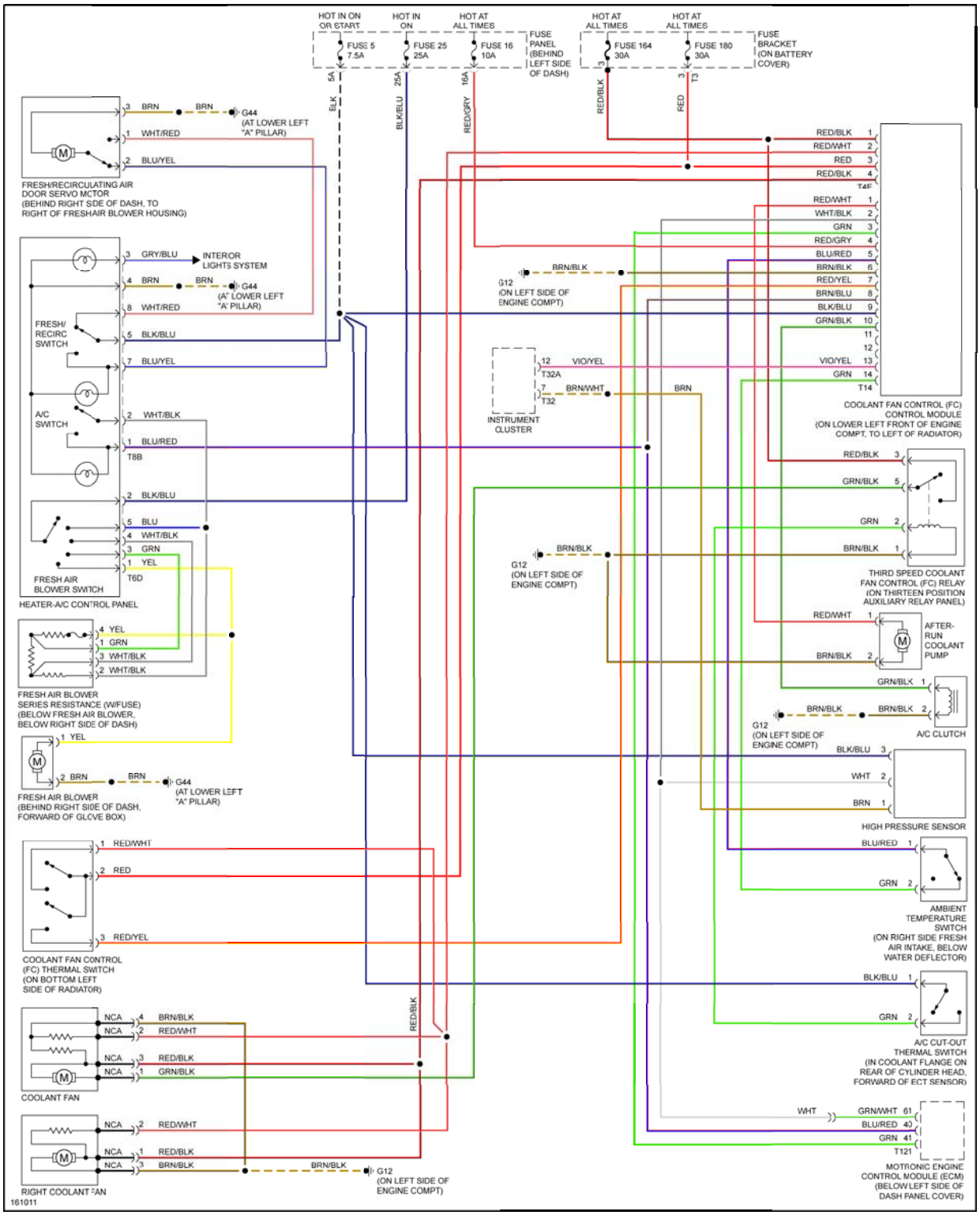
HOT IN ON OR START
HOT IN ON
HOT AT ALL TIMES
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 25 25A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 164 30A
FUSE 180 30A
FUSE BRACKET (ON BATTERY COVER)
5A
BLK
25A
BLK/BLU
16A
RED/GRY
RED/BLK
RED
T3
FRESH/RECIRCULATING AIR DOOR SERVO MCTOR (BEHIND RIGHT SIDE OF DASH, TO RIGHT OF FRESHAIR BLOWER HOUSING)
3 BRN
BRN
G44 (AT LOWER LEFT "A" PILLAR)
1 WHT/RED
2 BLU/YEL
3 GRY/BLU
INTERIOR LIGHTS SYSTEM
4 BRN
BRN
G44 (A' LOWER LEFT "A' PILLAR)
8 WHT/RED
FRESH/ RECIRC SWITCH
5 BLK/BLU
7 BLU/YEL
A/C SWITCH
2 WHT/BLK
1 BLU/RED
T8B
2 BLK/BLU
5 BLU
4 WHT/BLK
3 GRN
1 YEL
T6D
FRESH AIR BLOWER SWITCH
HEATER-A/C CONTROL PANEL
4 YEL
1 GRN
3 WHT/BLK
2 WHT/BLK
FRESH AIR BLOWER SERIES RESISTANCE (W/FUSE) (BELOW FRESH AIR BLOWER, BELOW RIGHT SIDE OF DASH)
1 YEL
2 BRN
BRN
G44 (AT LOWER LEFT "A" PILLAR)
FRESH AIR BLOWER (BEHIND RIGHT SIDE OF DASH, FORWARD OF GLOVE BOX)
1 RED/WHT
2 RED
3 RED/YEL
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
NCA
4 BRN/BLK
NCA
2 RED/WHT
NCA
3 RED/BLK
NCA
1 GRN/BLK
COOLANT FAN
NCA
2 RED/WHT
NCA
1 RED/BLK
NCA
3 BRN/BLK
RIGHT COOLANT FAN
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
RED/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
12 VIO/YEL
T32A
7 BRN/WHT
T32
INSTRUMENT CLUSTER
BRN
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
RED/BLK 1
RED/WHT 2
RED 3
RED/BLK 4
T4F
RED/WHT 1
WHT/BLK 2
GRN 3
RED/GRY 4
BLU/RED 5
BRN/BLK 6
RED/YEL 7
BRN/BLU 8
BLK/BLU 9
GRN/BLK 10
11
12
VIO/YEL 13
GRN 14
T14
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
RED/BLK 3
GRN/BLK 5
GRN 2
BRN/BLK 1
THIRD SPEED COOLANT FAN CONTROL (FC) RELAY (ON THIRTEEN POSITION AUXILIARY RELAY PANEL)
RED/WHT 1
BRN/BLK 2
AFTER-RUN COOLANT PUMP
GRN/BLK 1
BRN/BLK
BRN/BLK 2
G12 (ON LEFT SIDE OF ENGINE COMPT)
A/C CLUTCH
BLK/BLU 3
WHT 2
BRN 1
HIGH PRESSURE SENSOR
BLU/RED 1
GRN 2
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
BLK/BLU 1
GRN 2
A/C CUT-OUT THERMAL SWITCH (IN COOLANT FLANGE ON REAR OF CYLINDER HEAD, FORWARD OF ECT SENSOR)
WHT
GRN/WHT 61
BLU/RED 40
GRN 41
T121
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
161011

**Fig. 2: 1.8L Turbo, Manual A/C Circuit**

## 1.9L TURBO DIESEL

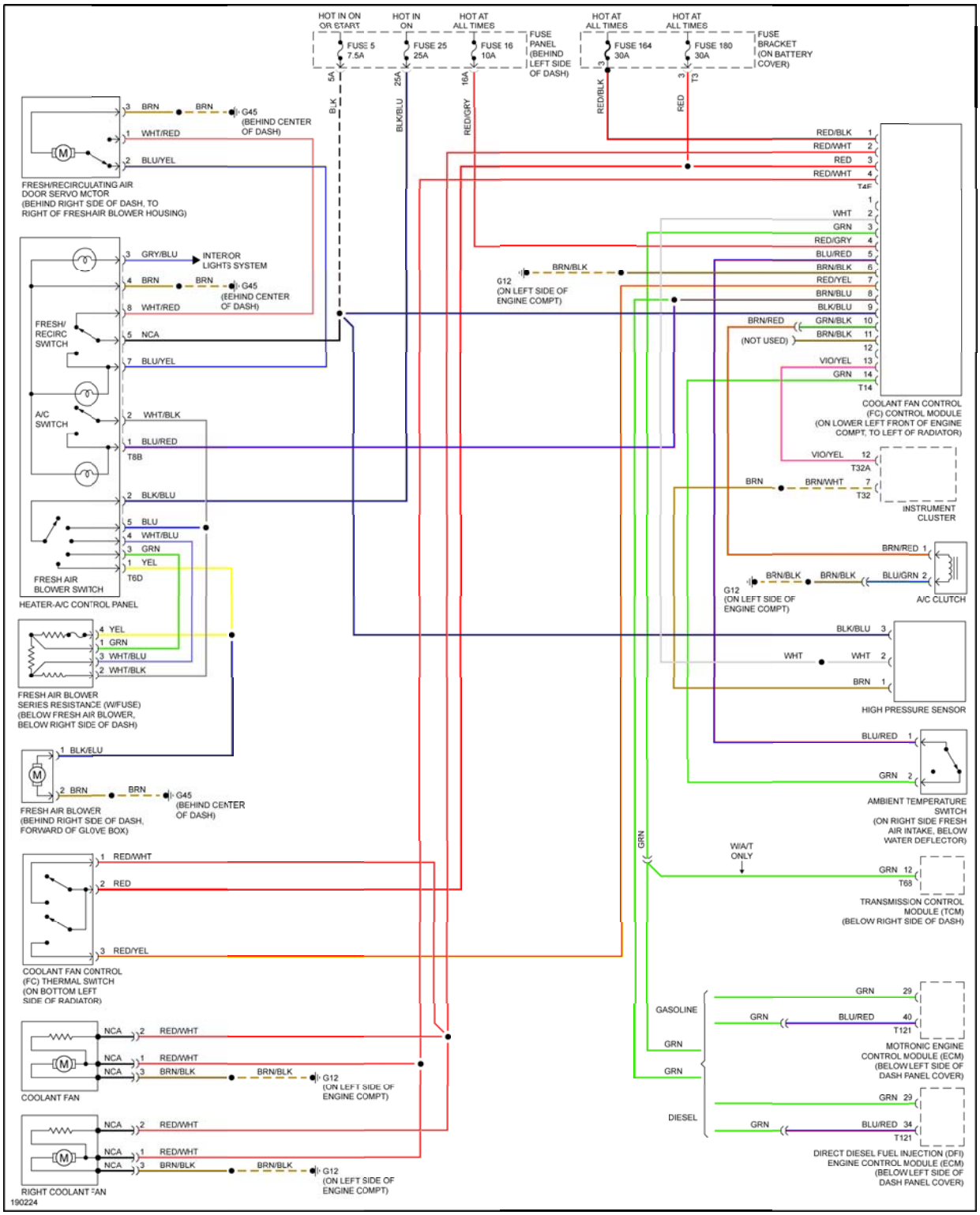
HOT IN ON OR START
HOT IN ON
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 25 25A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 164 30A
FUSE 180 30A
FUSE BRACKET (ON BATTERY COVER)
5A
BLK
25A
BLK/BLU
16A
RED/GRY
RED/BLK
RED
T3
FRESH/RECIRCULATING AIR DOOR SERVO MCTOR (BEHIND RIGHT SIDE OF DASH, TO RIGHT OF FRESHAIR BLOWER HOUSING)
3 BRN
BRN
G45 (BEHIND CENTER OF DASH)
1 WHT/RED
2 BLU/YEL
3 GRY/BLU
INTERIOR LIGHTS SYSTEM
4 BRN
BRN
G45 (EEHIND CENTER OF DASH)
8 WHT/RED
FRESH/ RECIRC SWITCH
5 NCA
7 BLU/YEL
A/C SWITCH
2 WHT/BLK
1 BLU/RED
T8B
2 BLK/BLU
5 BLU
4 WHT/BLU
3 GRN
1 YEL
T6D
FRESH AIR BLOWER SWITCH
HEATER-A/C CONTROL PANEL
4 YEL
1 GRN
3 WHT/BLU
2 WHT/BLK
FRESH AIR BLOWER SERIES RESISTANCE (W/FUSE) (BELOW FRESH AIR BLOWER, BELOW RIGHT SIDE OF DASH)
1 BLK/BLU
2 BRN
BRN
G45 (BEHIND CENTER OF DASH)
FRESH AIR BLOWER (BEHIND RIGHT SIDE OF DASH, FORWARD OF GLOVE BOX)
1 RED/WHT
2 RED
3 RED/YEL
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
NCA
2 RED/WHT
NCA
1 RED/WHT
NCA
3 BRN/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
COOLANT FAN
NCA
2 RED/WHT
NCA
1 RED/WHT
NCA
3 BRN/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
RIGHT COOLANT FAN
190224
RED/BLK 1
RED/WHT 2
RED 3
RED/WHT 4
T4F
1
WHT 2
GRN 3
RED/GRY 4
BLU/RED 5
BRN/BLK 6
RED/YEL 7
BRN/BLU 8
BLK/BLU 9
BRN/RED
GRN/BLK 10
(NOT USED)
BRN/BLK 11
12
VIO/YEL 13
GRN 14
T14
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
VIO/YEL 12
T32A
BRN
BRN/WHT 7
T32
INSTRUMENT CLUSTER
BRN/RED 1
BRN/BLK
BRN/BLK
BLU/GRN 2
G12 (ON LEFT SIDE OF ENGINE COMPT)
A/C CLUTCH
BLK/BLU 3
WHT
WHT 2
BRN 1
HIGH PRESSURE SENSOR
BLU/RED 1
GRN 2
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
GRN
W/A/T ONLY
GRN 12
T68
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH)
GASOLINE
GRN 29
GRN
BLU/RED 40
T121
GRN
GRN
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
DIESEL
GRN 29
GRN
BLU/RED 34
T121
DIRECT DIESEL FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)

**Fig. 3: 1.9L Turbo Diesel, Manual A/C Circuit, Except Convertible**

**2.0L**

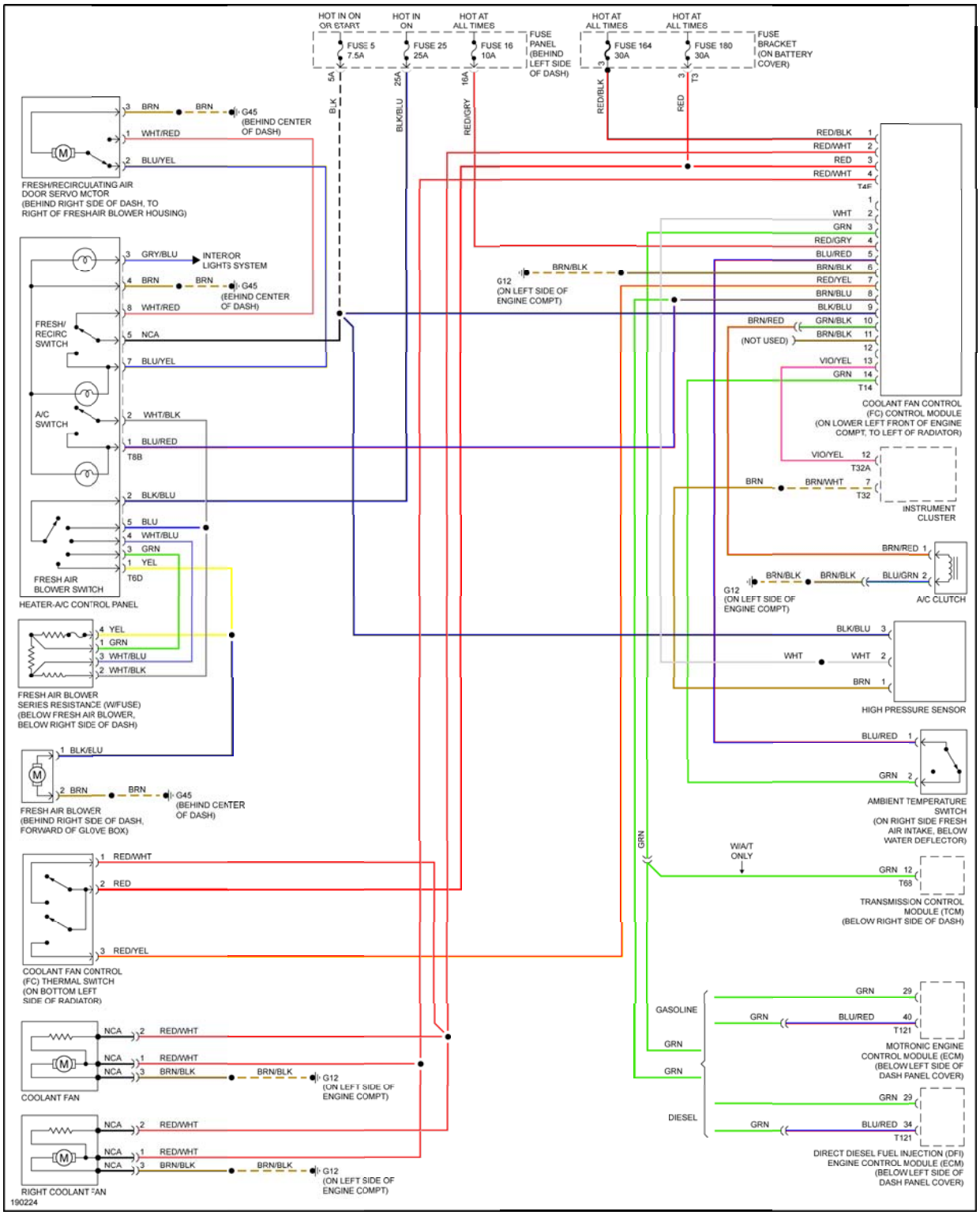
HOT IN ON OR START
HOT IN ON
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 25 25A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 164 30A
FUSE 180 30A
FUSE BRACKET (ON BATTERY COVER)
5A
BLK
25A
BLK/BLU
16A
RED/GRY
RED/BLK
RED
T3
FRESH/RECIRCULATING AIR DOOR SERVO MCTOR (BEHIND RIGHT SIDE OF DASH, TO RIGHT OF FRESHAIR BLOWER HOUSING)
3 BRN
BRN
G45 (BEHIND CENTER OF DASH)
1 WHT/RED
2 BLU/YEL
3 GRY/BLU
INTERIOR LIGHTS SYSTEM
4 BRN
BRN
G45 (EEHIND CENTER OF DASH)
8 WHT/RED
FRESH/ RECIRC SWITCH
5 NCA
7 BLU/YEL
A/C SWITCH
2 WHT/BLK
1 BLU/RED
T8B
2 BLK/BLU
5 BLU
4 WHT/BLU
3 GRN
1 YEL
T6D
FRESH AIR BLOWER SWITCH
HEATER-A/C CONTROL PANEL
4 YEL
1 GRN
3 WHT/BLU
2 WHT/BLK
FRESH AIR BLOWER SERIES RESISTANCE (W/FUSE) (BELOW FRESH AIR BLOWER, BELOW RIGHT SIDE OF DASH)
1 BLK/BLU
2 BRN
BRN
G45 (BEHIND CENTER OF DASH)
FRESH AIR BLOWER (BEHIND RIGHT SIDE OF DASH, FORWARD OF GLOVE BOX)
1 RED/WHT
2 RED
3 RED/YEL
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
NCA
2 RED/WHT
NCA
1 RED/WHT
NCA
3 BRN/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
COOLANT FAN
NCA
2 RED/WHT
NCA
1 RED/WHT
NCA
3 BRN/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
RIGHT COOLANT FAN
190224
RED/BLK 1
RED/WHT 2
RED 3
RED/WHT 4
T4F
1
WHT 2
GRN 3
RED/GRY 4
BLU/RED 5
BRN/BLK 6
RED/YEL 7
BRN/BLU 8
BLK/BLU 9
BRN/RED
GRN/BLK 10
(NOT USED)
BRN/BLK 11
12
VIO/YEL 13
GRN 14
T14
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
VIO/YEL 12
T32A
BRN
BRN/WHT 7
T32
INSTRUMENT CLUSTER
BRN/RED 1
BRN/BLK
BRN/BLK
BLU/GRN 2
G12 (ON LEFT SIDE OF ENGINE COMPT)
A/C CLUTCH
BLK/BLU 3
WHT
WHT 2
BRN 1
HIGH PRESSURE SENSOR
BLU/RED 1
GRN 2
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
GRN
W/A/T ONLY
GRN 12
T68
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH)
GASOLINE
GRN 29
GRN
BLU/RED 40
T121
GRN
GRN
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
DIESEL
GRN 29
GRN
BLU/RED 34
T121
DIRECT DIESEL FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)

**Fig. 4: 2.0L, Manual A/C Circuit, Except Convertible**

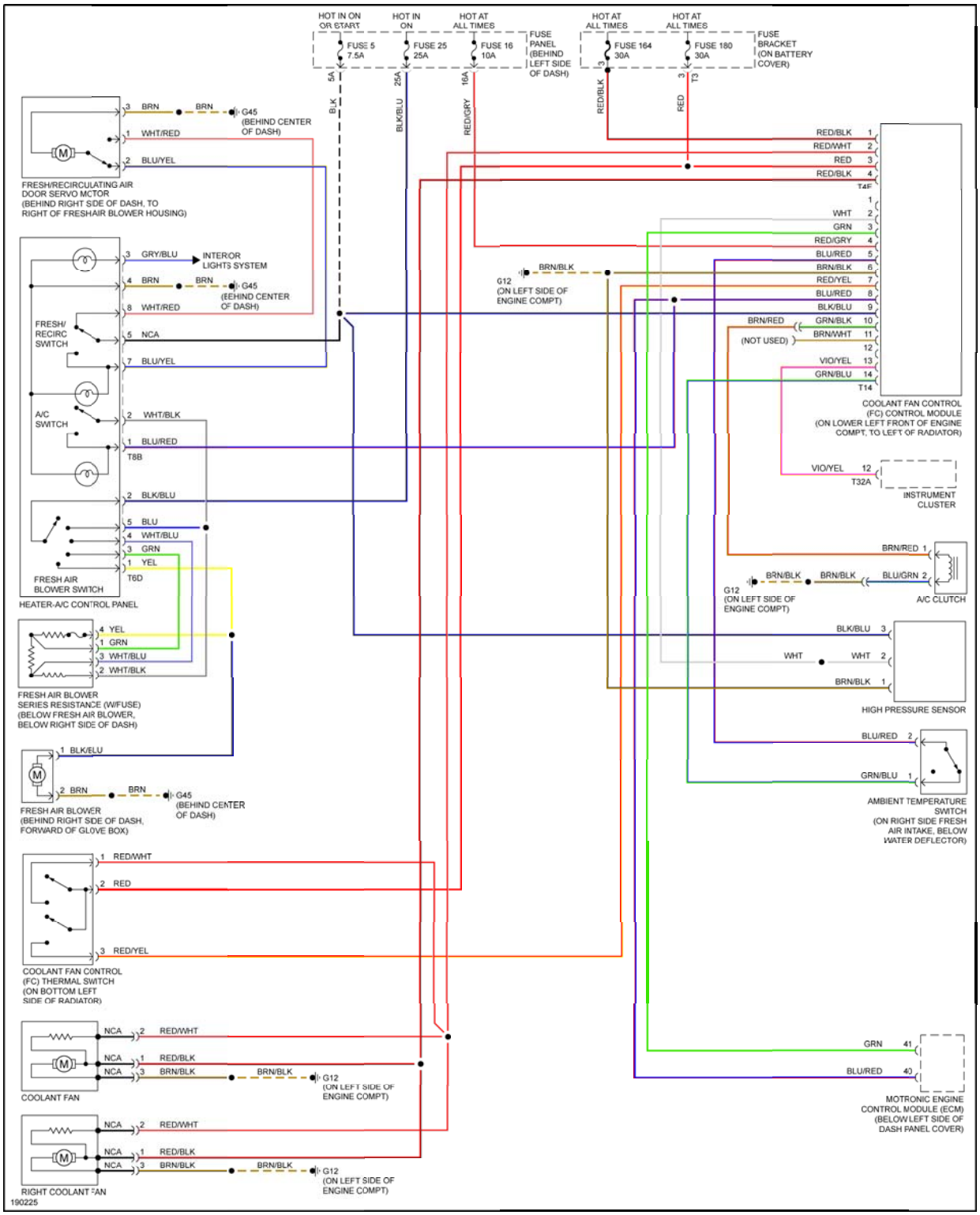
HOT IN ON OR START
HOT IN ON
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 25 25A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 164 30A
FUSE 180 30A
FUSE BRACKET (ON BATTERY COVER)
5A
BLK
25A
BLK/BLU
16A
RED/GRY
RED/BLK
RED
T3
FRESH/RECIRCULATING AIR DOOR SERVO MCTOR (BEHIND RIGHT SIDE OF DASH, TO RIGHT OF FRESHAIR BLOWER HOUSING)
3 BRN
BRN
G45 (BEHIND CENTER OF DASH)
1 WHT/RED
2 BLU/YEL
3 GRY/BLU
INTERIOR LIGHTS SYSTEM
4 BRN
BRN
G45 (EEHIND CENTER OF DASH)
8 WHT/RED
FRESH/ RECIRC SWITCH
5 NCA
7 BLU/YEL
A/C SWITCH
2 WHT/BLK
1 BLU/RED
T8B
2 BLK/BLU
5 BLU
4 WHT/BLU
3 GRN
1 YEL
T6D
FRESH AIR BLOWER SWITCH
HEATER-A/C CONTROL PANEL
4 YEL
1 GRN
3 WHT/BLU
2 WHT/BLK
FRESH AIR BLOWER SERIES RESISTANCE (W/FUSE) (BELOW FRESH AIR BLOWER, BELOW RIGHT SIDE OF DASH)
1 BLK/BLU
2 BRN
BRN
G45 (BEHIND CENTER OF DASH)
FRESH AIR BLOWER (BEHIND RIGHT SIDE OF DASH, FORWARD OF GLOVE BOX)
1 RED/WHT
2 RED
3 RED/YEL
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
NCA
2 RED/WHT
1 RED/BLK
3 BRN/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
COOLANT FAN
RIGHT COOLANT FAN
190225
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
RED/BLK 1
RED/WHT 2
RED 3
RED/BLK 4
T4F
1
WHT 2
GRN 3
RED/GRY 4
BLU/RED 5
BRN/BLK 6
RED/YEL 7
BLU/RED 8
BLK/BLU 9
BRN/RED
GRN/BLK 10
(NOT USED)
BRN/WHT 11
12
VIO/YEL 13
GRN/BLU 14
T14
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
VIO/YEL 12
T32A
INSTRUMENT CLUSTER
BRN/RED 1
BRN/BLK
BRN/BLK
BLU/GRN 2
G12 (ON LEFT SIDE OF ENGINE COMPT)
A/C CLUTCH
BLK/BLU 3
WHT
WHT 2
BRN/BLK 1
HIGH PRESSURE SENSOR
BLU/RED 2
GRN/BLU 1
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
GRN 41
BLU/RED 40
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)

**Fig. 5: 2.0L, Manual A/C Circuit, Convertible**

## ANTI-LOCK BRAKES

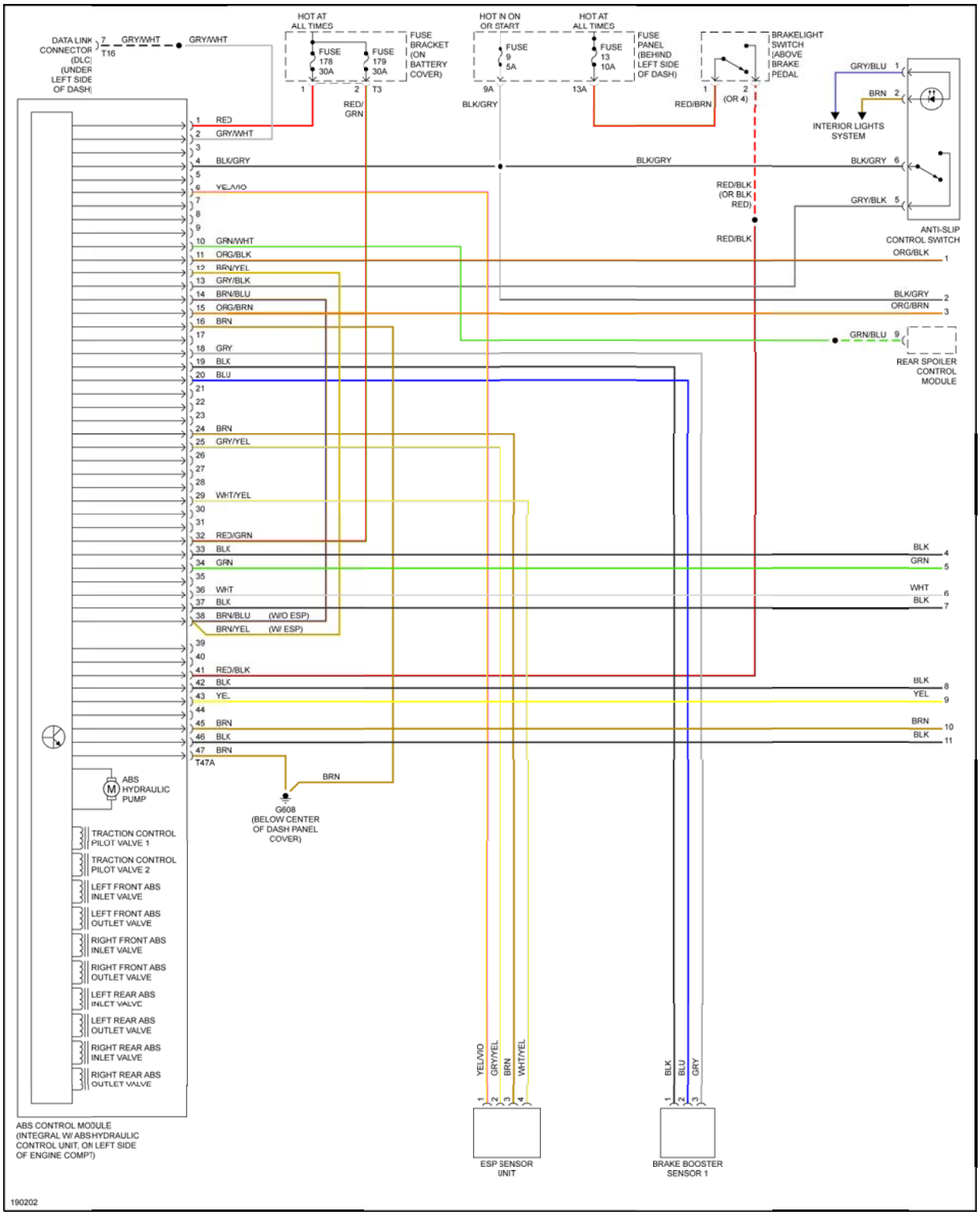
DATA LINK CONNECTOR (DLC) (UNDER LEFT SIDE OF DASH)
7 T16
GRY/WHT
GRY/WHT
HOT AT ALL TIMES
FUSE 178 30A
FUSE 179 30A
FUSE BRACKET (ON BATTERY COVER)
1
2
T3
RED/GRN
HOT IN ON OR START
FUSE 9 5A
9A
BLK/GRY
HOT AT ALL TIMES
FUSE 13 10A
13A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
RED/BRN
BRAKELIGHT SWITCH (ABOVE BRAKE PEDAL
1
2 (OR 4)
GRY/BLU 1
BRN 2
INTERIOR LIGHTS SYSTEM
BLK/GRY 6
GRY/BLK 5
ANTI-SLIP CONTROL SWITCH
RED/BLK (OR BLK RED)
RED/BLK
ORG/BLK 1
BLK/GRY 2
ORG/BRN 3
GRN/BLU 9
REAR SPOILER CONTROL MODULE
1 RED
2 GRY/WHT
3
4 BLK/GRY
5
6 YEL/VIO
7
8
9
10 GRN/WHT
11 ORG/BLK
12 BRN/YEL
13 GRY/BLK
14 BRN/BLU
15 ORG/BRN
16 BRN
17
18 GRY
19 BLK
20 BLU
21
22
23
24 BRN
25 GRY/YEL
26
27
28
29 WHT/YEL
30
31
32 RED/GRN
33 BLK
34 GRN
35
36 WHT
37 BLK
38 BRN/BLU (W/O ESP)
BRN/YEL (W/ ESP)
39
40
41 RED/BLK
42 BLK
43 YEL
44
45 BRN
46 BLK
47 BRN
T47A
BLK 4
GRN 5
WHT 6
BLK 7
BLK 8
YEL 9
BRN 10
BLK 11
BRN
G608 (BELOW CENTER OF DASH PANEL COVER)
ABS HYDRAULIC PUMP
TRACTION CONTROL PILOT VALVE 1
TRACTION CONTROL PILOT VALVE 2
LEFT FRONT ABS INLET VALVE
LEFT FRONT ABS OUTLET VALVE
RIGHT FRONT ABS INLET VALVE
RIGHT FRONT ABS OUTLET VALVE
LEFT REAR ABS INLET VALVE
LEFT REAR ABS OUTLET VALVE
RIGHT REAR ABS INLET VALVE
RIGHT REAR ABS OUTLET VALVE
ABS CONTROL MODULE (INTEGRAL W/ ABS HYDRAULIC CONTROL UNIT, ON LEFT SIDE OF ENGINE COMPT)
YEL/VIO
GRY/YEL
BRN
WHT/YEL
ESP SENSOR UNIT
BLK
BLU
GRY
BRAKE BOOSTER SENSOR 1
190202

**Fig. 6: Anti-lock Brakes Circuit (1 of 2)**

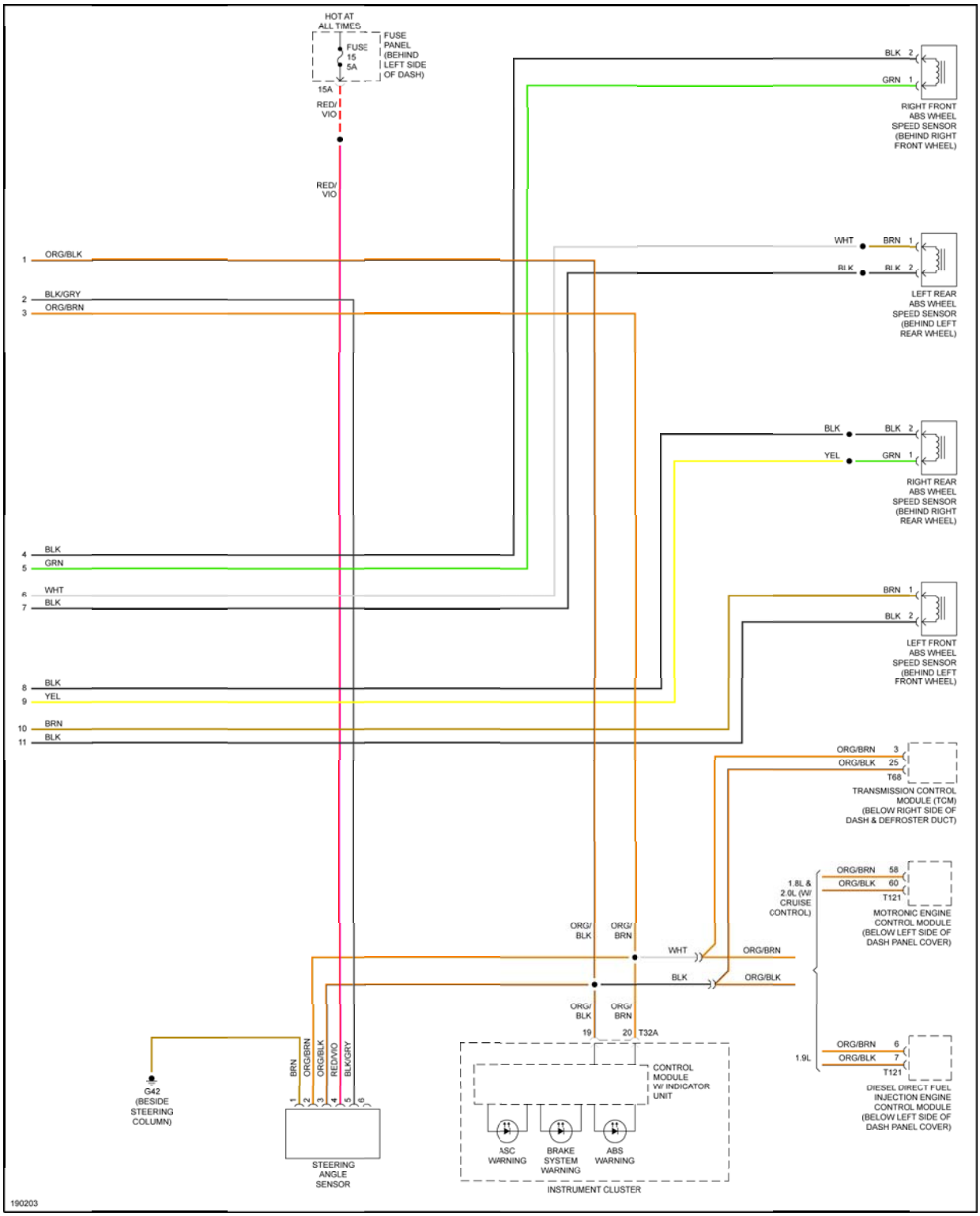
HOT AT ALL TIMES
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 15 5A
15A
RED/VIO
RED/VIO
RIGHT FRONT ABS WHEEL SPEED SENSOR (BEHIND RIGHT FRONT WHEEL)
BLK 2
GRN 1
LEFT REAR ABS WHEEL SPEED SENSOR (BEHIND LEFT REAR WHEEL)
WHT
BRN 1
BLK 2
RIGHT REAR ABS WHEEL SPEED SENSOR (BEHIND RIGHT REAR WHEEL)
BLK
YEL
GRN 1
LEFT FRONT ABS WHEEL SPEED SENSOR (BEHIND LEFT FRONT WHEEL)
1 ORG/BLK
2 BLK/GRY
3 ORG/BRN
4 BLK
5 GRN
6 WHT
7 BLK
8 BLK
9 YEL
10 BRN
11 BLK
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH & DEFROSTER DUCT)
ORG/BRN 3
ORG/BLK 25
T68
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
1.8L & 2.0L (W/ CRUISE CONTROL)
ORG/BRN 58
ORG/BLK 60
T121
1.9L
ORG/BRN 6
ORG/BLK 7
T121
DIESEL DIRECT FUEL INJECTION ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
ORG/ BLK
ORG/ BRN
WHT
ORG/BRN
BLK
ORG/BLK
19
20
T32A
CONTROL MODULE W/ INDICATOR UNIT
ASC WARNING
BRAKE SYSTEM WARNING
ABS WARNING
INSTRUMENT CLUSTER
G42 (BESIDE STEERING COLUMN)
BRN
ORG/BRN
ORG/BLK
RED/WO
BLK/GRY
1
2
3
4
5
6
STEERING ANGLE SENSOR
190203

**Fig. 7: Anti-lock Brakes Circuit (2 of 2)**

## ANTI-THEFT

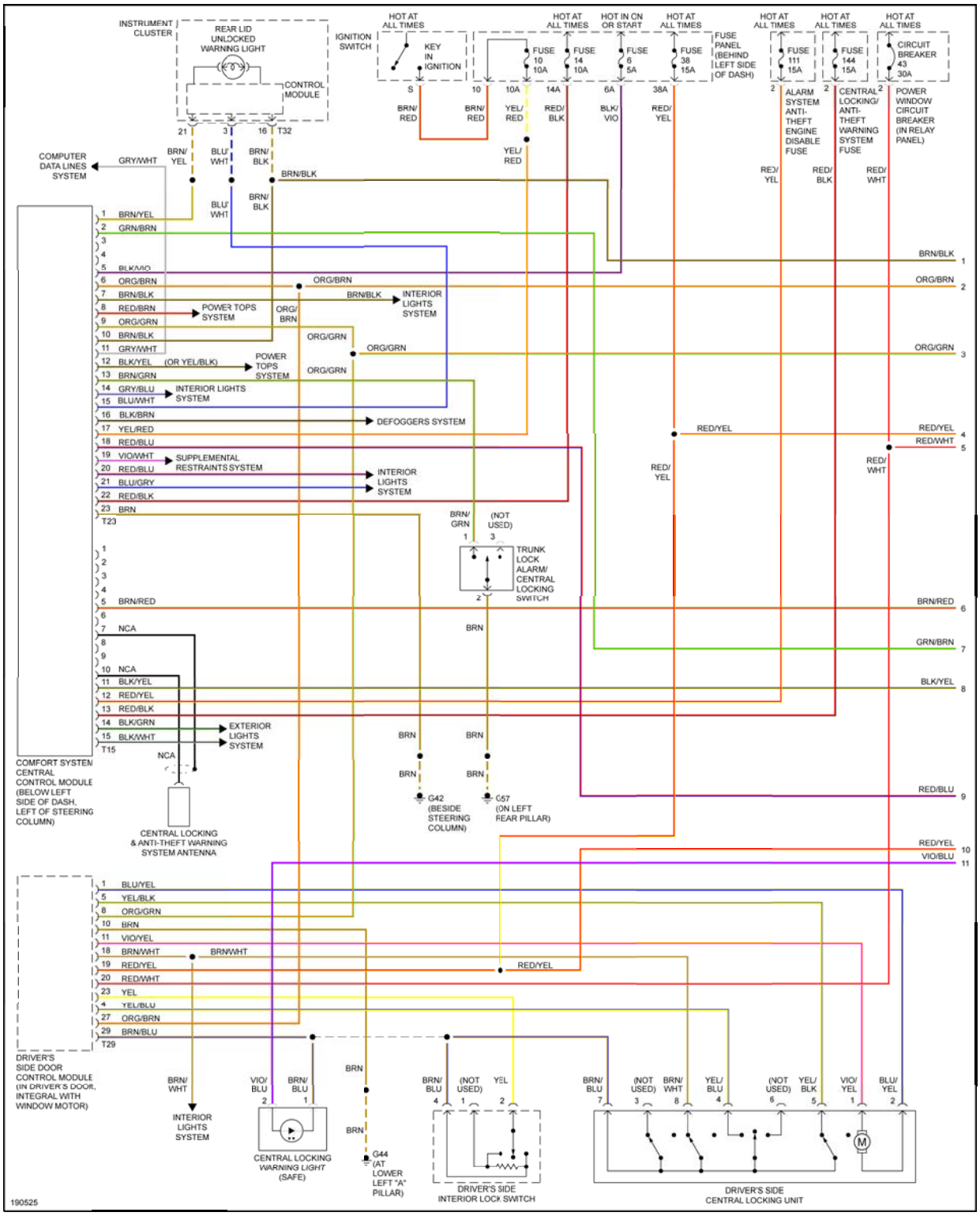
INSTRUMENT CLUSTER
REAR LID UNLOCKED WARNING LIGHT
CONTROL MODULE
21
3
16
T32
IGNITION SWITCH
KEY IN IGNITION
HOT AT ALL TIMES
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 10 10A
FUSE 14 10A
FUSE 6 5A
FUSE 38 15A
FUSE 111 15A
FUSE 144 15A
CIRCUIT BREAKER 43 30A
ALARM SYSTEM ANTI-THEFT ENGINE DISABLE FUSE
CENTRAL LOCKING/ ANTI-THEFT WARNING SYSTEM FUSE
POWER WINDOW CIRCUIT BREAKER (IN RELAY PANEL)
COMPUTER DATA LINES SYSTEM
GRY/WHT
BRN/YEL
BLU/WHT
BRN/BLK
YEL/RED
RED/YEL
RED/BLK
RED/WHT
BLK/VIO
RED/YEL
BRN/BLK
ORG/BRN
ORG/GRN
GRN/BRN
BLK/YEL
RED/BLU
RED/YEL
VIO/BLU
POWER TOPS SYSTEM
INTERIOR LIGHTS SYSTEM
DEFOGGERS SYSTEM
SUPPLEMENTAL RESTRAINTS SYSTEM
EXTERIOR LIGHTS SYSTEM
(OR YEL/BLK)
T23
T15
T29
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH, LEFT OF STEERING COLUMN)
NCA
CENTRAL LOCKING & ANTI-THEFT WARNING SYSTEM ANTENNA
TRUNK LOCK ALARM/ CENTRAL LOCKING SWITCH
(NOT USED)
G42 (BESIDE STEERING COLUMN)
G57 (ON LEFT REAR PILLAR)
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
CENTRAL LOCKING WARNING LIGHT (SAFE)
G44 (AT LOWER LEFT "A" PILLAR)
DRIVER'S SIDE INTERIOR LOCK SWITCH
DRIVER'S SIDE CENTRAL LOCKING UNIT
190525

**Fig. 8: Power Door Locks Circuit, Convertible (1 of 2)**

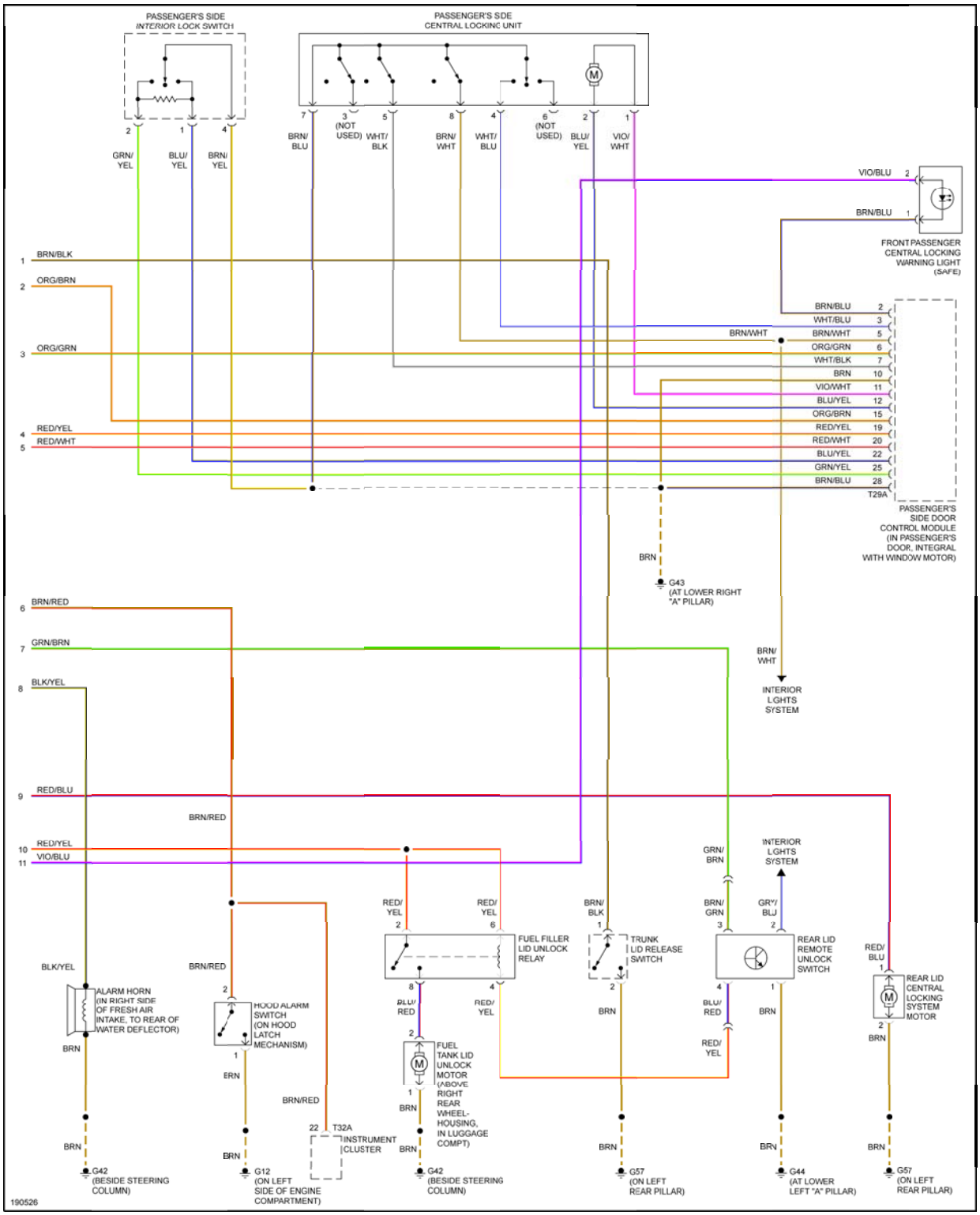
PASSENGER'S SIDE INTERIOR LOCK SWITCH
PASSENGER'S SDE CENTRAL LOCKINC UNIT
GRN/YEL
BLU/YEL
BRN/YEL
BRN/BLU
WHT/BLK
BRN/WHT
WHT/BLU
BLU/YEL
VIO/WHT
VIO/BLU
BRN/BLU
FRONT PASSENGER CENTRAL LOCKING WARNING LIGHT (SAFE)
BRN/BLK
ORG/BRN
ORG/GRN
RED/YEL
RED/WHT
WHT/BLU
BRN/WHT
ORG/GRN
WHT/BLK
BRN
VIO/WHT
BLU/YEL
ORG/BRN
RED/YEL
RED/WHT
BLU/YEL
GRN/YEL
BRN/BLU
T29A
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
G43 (AT LOWER RIGHT "A" PILLAR)
BRN/RED
GRN/BRN
BLK/YEL
RED/BLU
RED/YEL
VIO/BLU
INTERIOR LGHTS SYSTEM
ALARM HORN (IN RIGHT SIDE OF FRESH AIR INTAKE, TO REAR OF WATER DEFLECTOR)
HOOD ALARM SWITCH (ON HOOD LATCH MECHANISM)
FUEL FILLER LID UNLOCK RELAY
TRUNK LID RELEASE SWITCH
REAR LID REMOTE UNLOCK SWITCH
REAR LID CENTRAL LOCKING SYSTEM MOTOR
FUEL TANK LID UNLOCK MOTOR (ABOVE RIGHT REAR WHEEL-HOUSING, IN LUGGAGE COMPT)
T32A
INSTRUMENT CLUSTER
G42 (BESIDE STEERING COLUMN)
G12 (ON LEFT SIDE OF ENGINE COMPARTMENT)
G42 (BESIDE STEERING COLUMN)
G57 (ON LEFT REAR PILLAR)
G44 (AT LOWER LEFT "A" PILLAR)
G57 (ON LEFT REAR PILLAR)
190526

**Fig. 9: Power Door Locks Circuit, Convertible (2 of 2)**

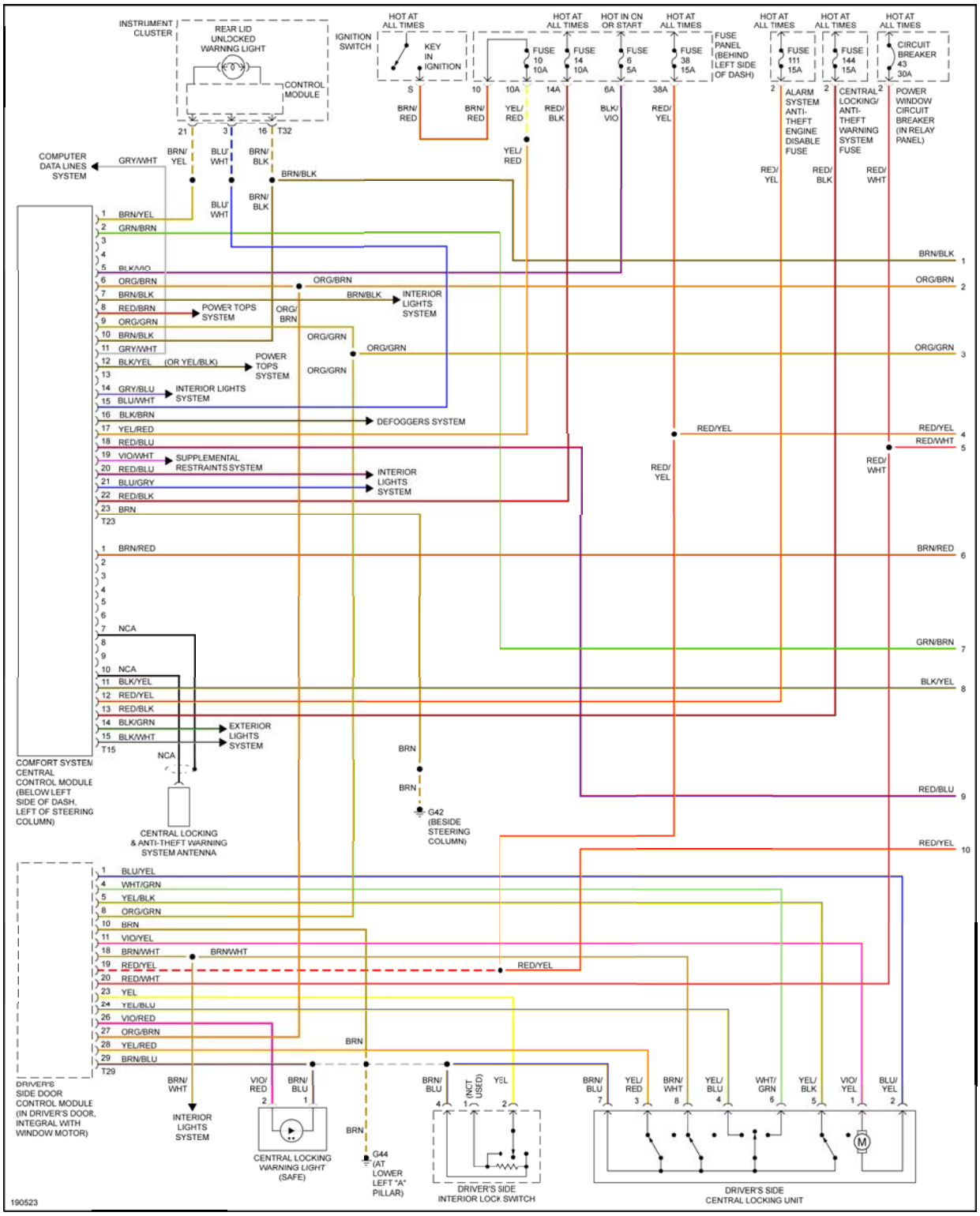
INSTRUMENT CLUSTER
REAR LID UNLOCKED WARNING LIGHT
CONTROL MODULE
21
3
16
T32
IGNITION SWITCH
KEY IN IGNITION
S
HOT AT ALL TIMES
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 10 10A
FUSE 14 10A
FUSE 6 5A
FUSE 38 15A
10
14A
6A
38A
BRN/RED
YEL/RED
RED/BLK
BLK/VIO
RED/YEL
FUSE 111 15A
FUSE 144 15A
CIRCUIT BREAKER 43 30A
ALARM SYSTEM ANTI-THEFT ENGINE DISABLE FUSE
CENTRAL LOCKING/ ANTI-THEFT WARNING SYSTEM FUSE
POWER WINDOW CIRCUIT BREAKER (IN RELAY PANEL)
COMPUTER DATA LINES SYSTEM
GRY/WHT
BRN/YEL
BLU/WHT
BRN/BLK
BRN/BLK
BLU/WHT
BRN/BLK
1 BRN/YEL
2 GRN/BRN
3
4
5 BLK/VIO
6 ORG/BRN
7 BRN/BLK
8 RED/BRN
9 ORG/GRN
10 BRN/BLK
11 GRY/WHT
12 BLK/YEL (OR YEL/BLK)
13
14 GRY/BLU
15 BLU/WHT
16 BLK/BRN
17 YEL/RED
18 RED/BLU
19 VIO/WHT
20 RED/BLU
21 BLU/GRY
22 RED/BLK
23 BRN
T23
POWER TOPS SYSTEM
INTERIOR LIGHTS SYSTEM
DEFOGGERS SYSTEM
SUPPLEMENTAL RESTRAINTS SYSTEM
INTERIOR LIGHTS SYSTEM
ORG/BRN
ORG/GRN
BRN/BLK
RED/YEL
RED/WHT
RED/BLU
GRN/BRN
BLK/YEL
1 BRN/RED
2
3
4
5
6
7 NCA
8
9
10 NCA
11 BLK/YEL
12 RED/YEL
13 RED/BLK
14 BLK/GRN
15 BLK/WHT
T15
EXTERIOR LIGHTS SYSTEM
NCA
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH, LEFT OF STEERING COLUMN)
CENTRAL LOCKING & ANTI-THEFT WARNING SYSTEM ANTENNA
BRN
G42 (BESIDE STEERING COLUMN)
1 BLU/YEL
4 WHT/GRN
5 YEL/BLK
8 ORG/GRN
10 BRN
11 VIO/YEL
18 BRN/WHT
19 RED/YEL
20 RED/WHT
23 YEL
24 YEL/BLU
26 VIO/RED
27 ORG/BRN
28 YEL/RED
29 BRN/BLU
T29
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
BRN/WHT
INTERIOR LIGHTS SYSTEM
VIO/RED
BRN/BLU
CENTRAL LOCKING WARNING LIGHT (SAFE)
G44 (AT LOWER LEFT "A" PILLAR)
BRN/BLU
YEL (NOT USED)
DRIVER'S SIDE INTERIOR LOCK SWITCH
BRN/BLU
YEL/RED
BRN/WHT
YEL/BLU
WHT/GRN
YEL/BLK
VIO/YEL
BLU/YEL
DRIVER'S SIDE CENTRAL LOCKING UNIT
190523

**Fig. 10: Power Door Locks Circuit, Except Convertible (1 of 2)**

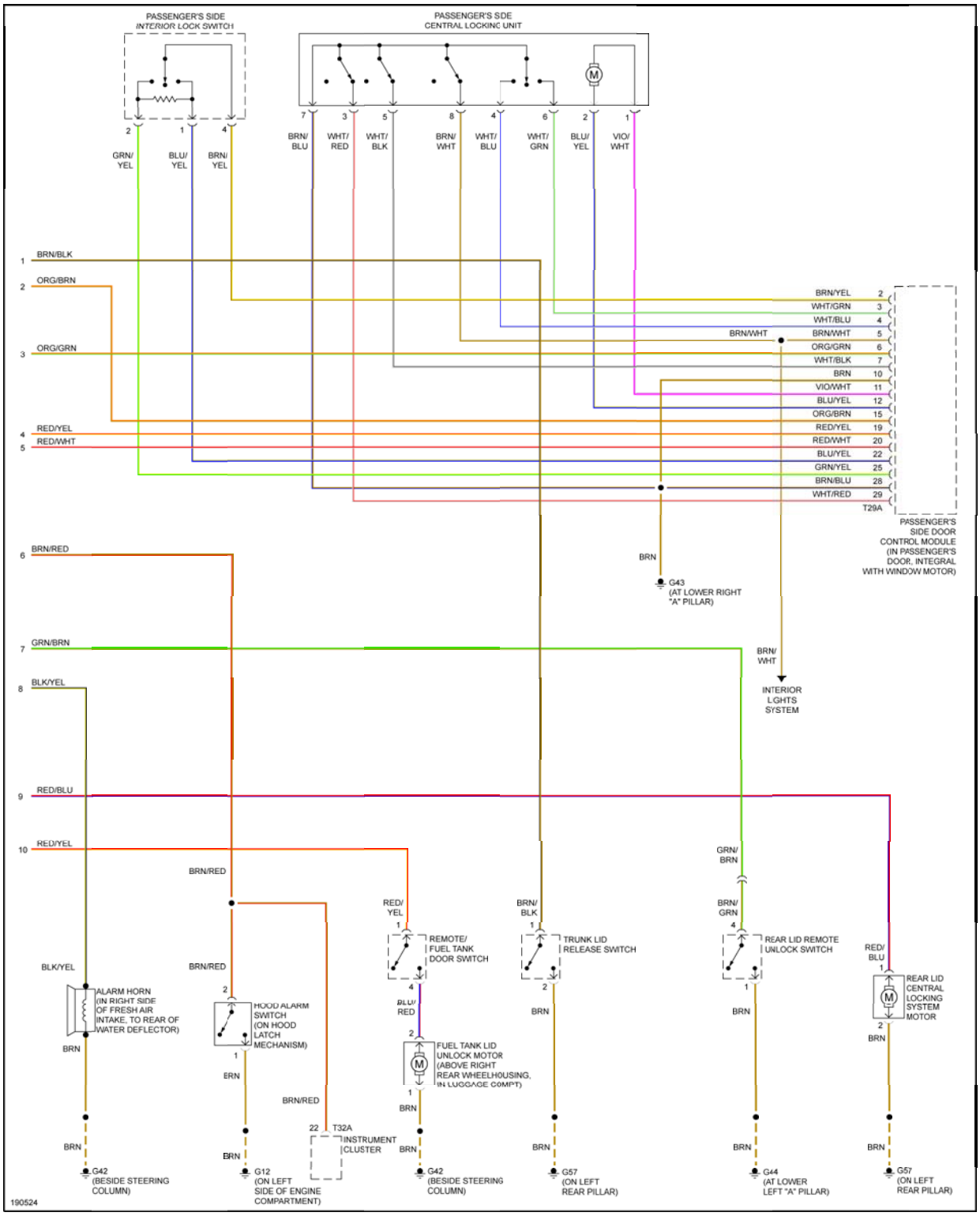
PASSENGER'S SIDE
INTERIOR LOCK SWITCH
PASSENGER'S SDE
CENTRAL LOCKINC UNIT
GRN/YEL
BLU/YEL
BRN/YEL
BRN/BLU
WHT/RED
WHT/BLK
BRN/WHT
WHT/BLU
WHT/GRN
BLU/YEL
VIO/WHT
BRN/BLK
ORG/BRN
ORG/GRN
RED/YEL
RED/WHT
BRN/RED
GRN/BRN
BLK/YEL
RED/BLU
RED/YEL
BRN/YEL
WHT/GRN
WHT/BLU
BRN/WHT
ORG/GRN
WHT/BLK
BRN
VIO/WHT
BLU/YEL
ORG/BRN
RED/YEL
RED/WHT
BLU/YEL
GRN/YEL
BRN/BLU
WHT/RED
T29A
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
G43 (AT LOWER RIGHT "A" PILLAR)
INTERIOR LGHTS SYSTEM
ALARM HORN (IN RIGHT SIDE OF FRESH AIR INTAKE, TO REAR OF WATER DEFLECTOR)
HOOD ALARM SWITCH (ON HOOD LATCH MECHANISM)
REMOTE/ FUEL TANK DOOR SWITCH
FUEL TANK LID UNLOCK MOTOR (ABOVE RIGHT REAR WHEELH0USING, IN LUGGAGE COMPT)
TRUNK LID RELEASE SWITCH
REAR LID REMOTE UNLOCK SWITCH
REAR LID CENTRAL LOCKING SYSTEM MOTOR
INSTRUMENT CLUSTER
T32A
G42 (BESIDE STEERING COLUMN)
G12 (ON LEFT SIDE OF ENGINE COMPARTMENT)
G42 (BESIDE STEERING COLUMN)
G57 (ON LEFT REAR PILLAR)
G44 (AT LOWER LEFT "A" PILLAR)
G57 (ON LEFT REAR PILLAR)
190524

**Fig. 11: Power Door Locks Circuit, Except Convertible (2 of 2)**

## COMPUTER DATA LINES

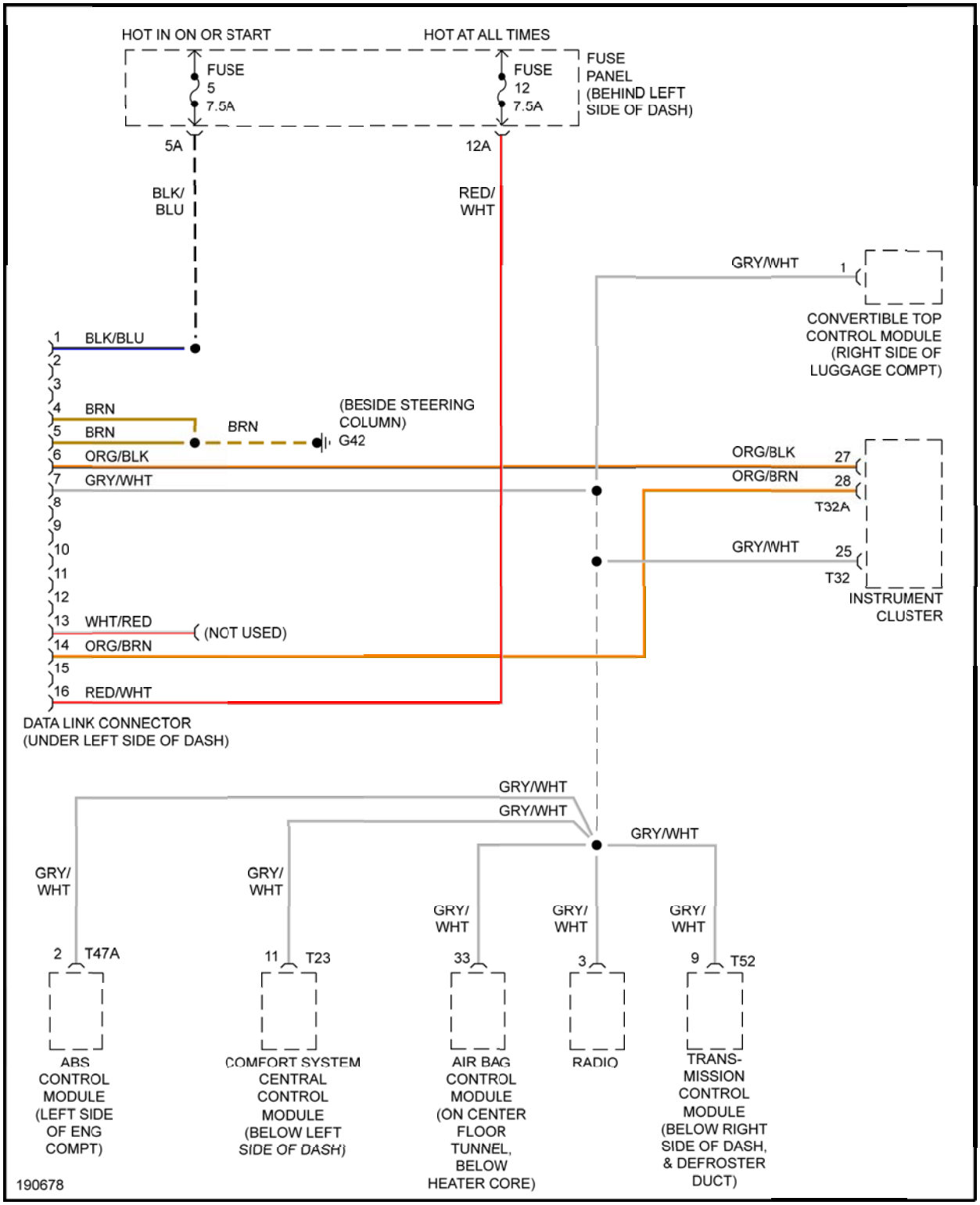
HOT IN ON OR START
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 12 7.5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
5A
12A
BLK/BLU
RED/WHT
GRY/WHT
1
CONVERTIBLE TOP CONTROL MODULE (RIGHT SIDE OF LUGGAGE COMPT)
1 BLK/BLU
2
3
4 BRN
5 BRN
BRN
(BESIDE STEERING COLUMN)
G42
6 ORG/BLK
ORG/BLK
27
7 GRY/WHT
ORG/BRN
28
T32A
8
9
10
GRY/WHT
25
T32
INSTRUMENT CLUSTER
11
12
13 WHT/RED
(NOT USED)
14 ORG/BRN
15
16 RED/WHT
DATA LINK CONNECTOR (UNDER LEFT SIDE OF DASH)
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
2 T47A
11 T23
33
3
9 T52
ABS CONTROL MODULE (LEFT SIDE OF ENG COMPT)
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
AIR BAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE)
RADIO
TRANS-MISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH, & DEFROSTER DUCT)
190678

**Fig. 12: Data Link Connector Circuit, Convertible**

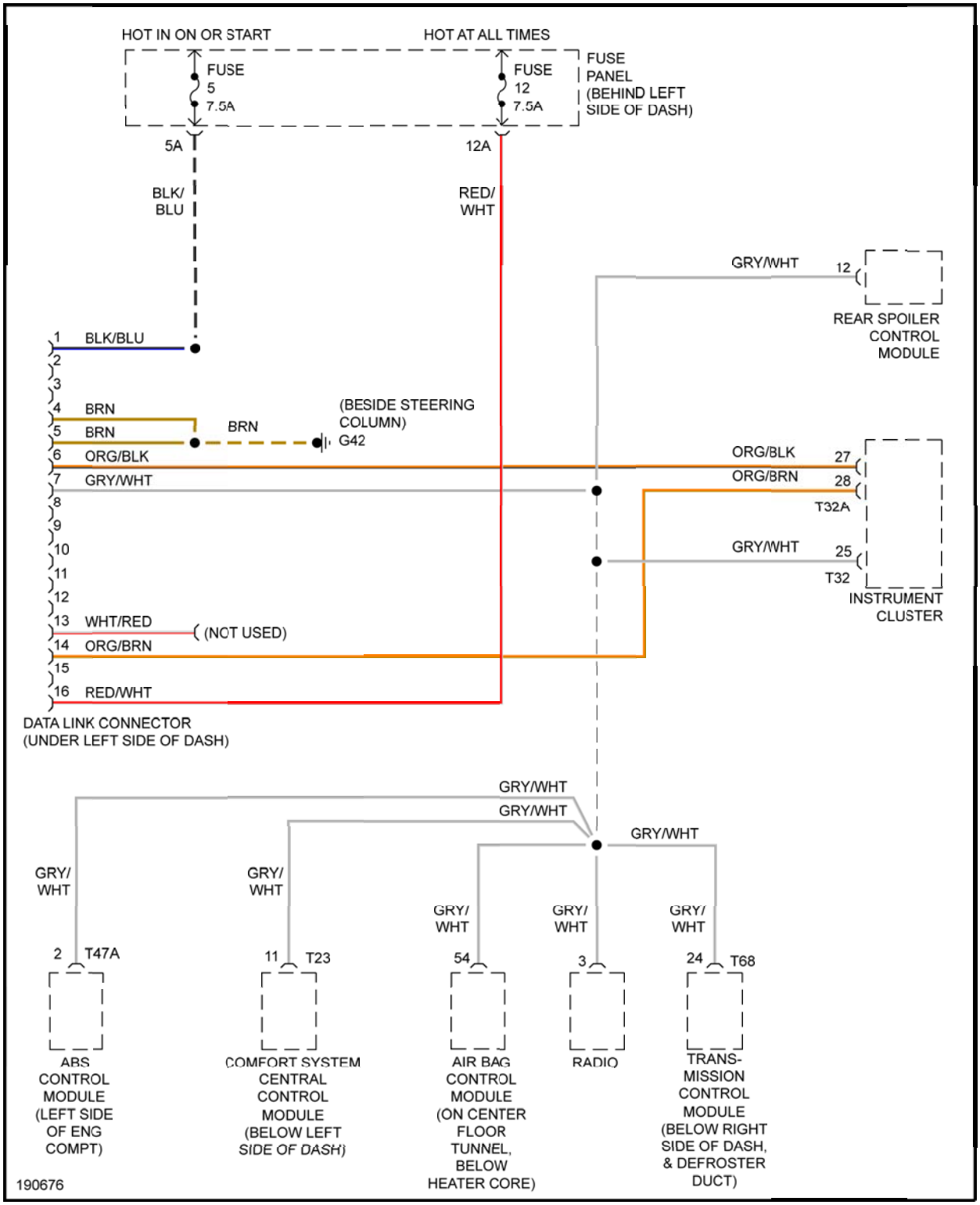
HOT IN ON OR START
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 12 7.5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
5A
12A
BLK/BLU
RED/WHT
GRY/WHT
12
REAR SPOILER CONTROL MODULE
1 BLK/BLU
2
3
4 BRN
5 BRN
BRN
(BESIDE STEERING COLUMN)
G42
6 ORG/BLK
7 GRY/WHT
8
9
10
11
12
13 WHT/RED
(NOT USED)
14 ORG/BRN
15
16 RED/WHT
ORG/BLK
27
ORG/BRN
28
T32A
GRY/WHT
25
T32
INSTRUMENT CLUSTER
DATA LINK CONNECTOR (UNDER LEFT SIDE OF DASH)
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
GRY/WHT
2 T47A
11 T23
54
3
24 T68
ABS CONTROL MODULE (LEFT SIDE OF ENG COMPT)
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
AIR BAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE)
RADIO
TRANS-MISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH, & DEFROSTER DUCT)
190676

**Fig. 13: Data Link Connector Circuit, Except Convertible**

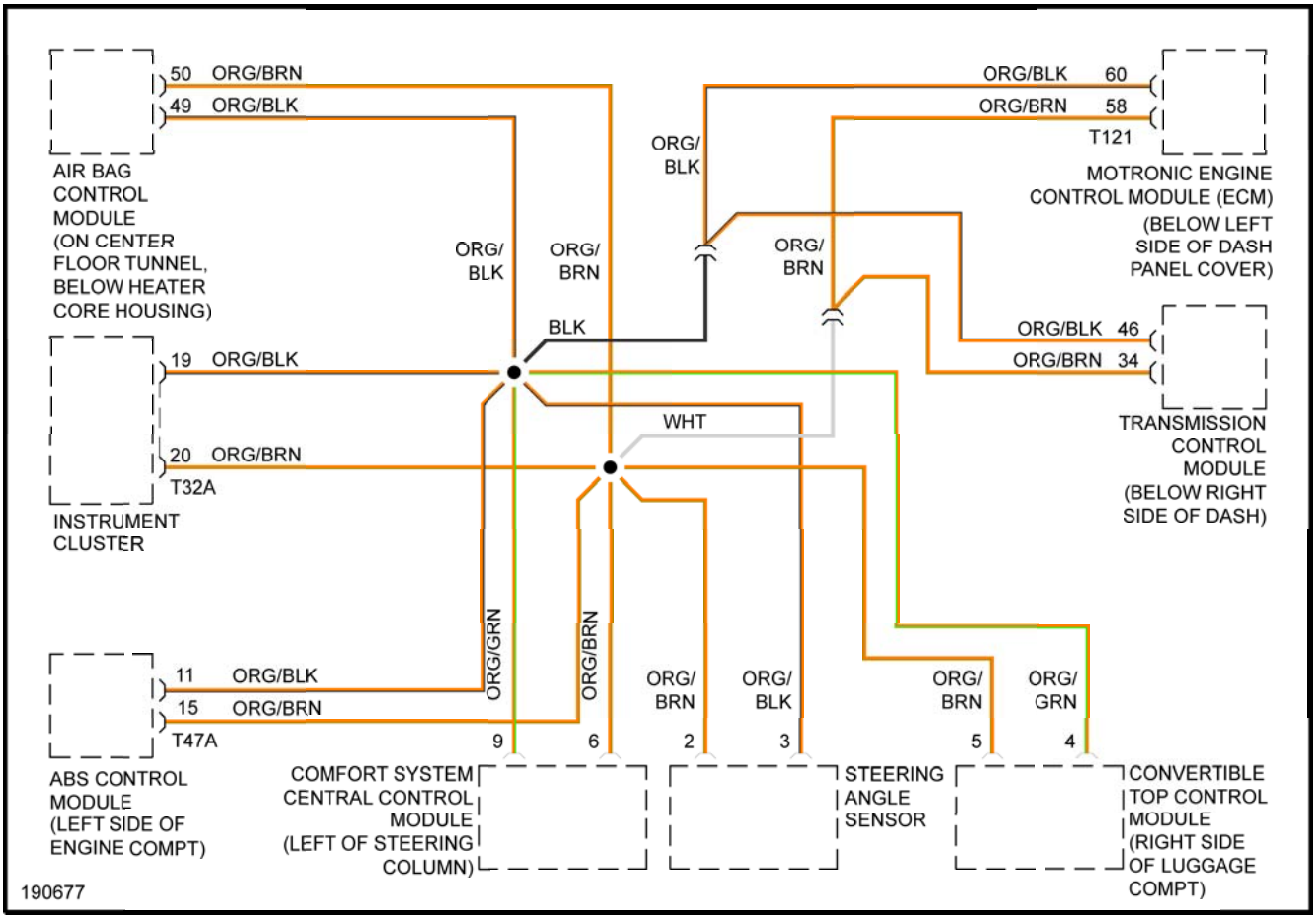
50 ORG/BRN
49 ORG/BLK
AIR BAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE HOUSING)
ORG/BLK
ORG/BRN
BLK
ORG/BLK 60
ORG/BRN 58
T121
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
ORG/BLK
ORG/BRN
19 ORG/BLK
20 ORG/BRN
T32A
INSTRUMENT CLUSTER
WHT
ORG/BLK 46
ORG/BRN 34
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH)
ORG/GRN
ORG/BRN
ORG/BRN
ORG/BLK
ORG/BRN
ORG/GRN
11 ORG/BLK
15 ORG/BRN
T47A
9
6
2
3
5
4
ABS CONTROL MODULE (LEFT SIDE OF ENGINE COMPT)
COMFORT SYSTEM CENTRAL CONTROL MODULE (LEFT OF STEERING COLUMN)
STEERING ANGLE SENSOR
CONVERTIBLE TOP CONTROL MODULE (RIGHT SIDE OF LUGGAGE COMPT)
190677

**Fig. 14: High/Low Bus Circuit, Convertible**

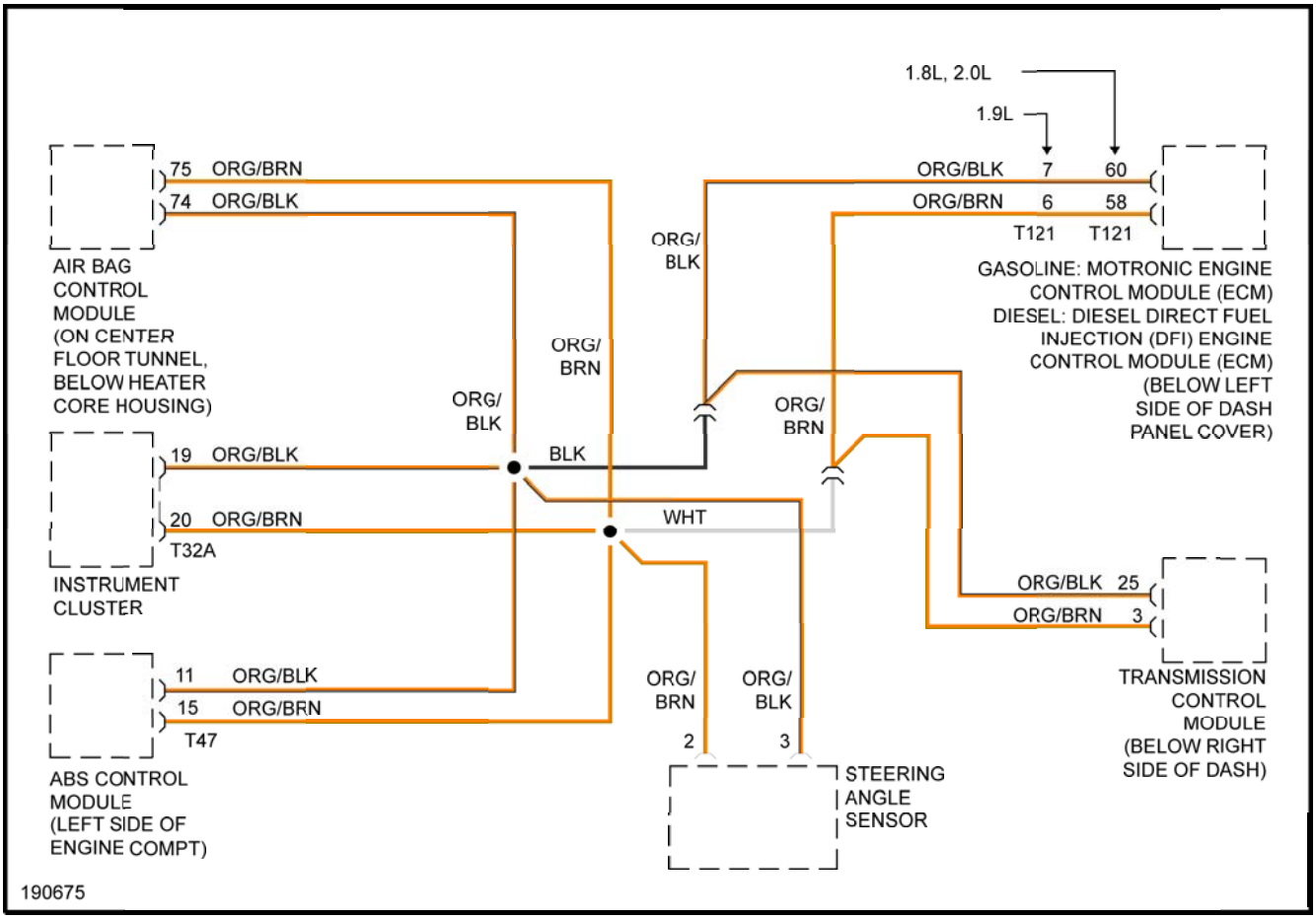
1.8L, 2.0L
1.9L
75 ORG/BRN
74 ORG/BLK
AIR BAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE HOUSING)
19 ORG/BLK
20 ORG/BRN
T32A
INSTRUMENT CLUSTER
11 ORG/BLK
15 ORG/BRN
T47
ABS CONTROL MODULE (LEFT SIDE OF ENGINE COMPT)
ORG/ BRN
ORG/ BLK
BLK
WHT
ORG/ BLK
ORG/ BRN
ORG/BLK 7 60
ORG/BRN 6 58
T121 T121
GASOLINE: MOTRONIC ENGINE CONTROL MODULE (ECM) DIESEL: DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
ORG/BLK 25
ORG/BRN 3
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH)
ORG/ BRN 2
ORG/ BLK 3
STEERING ANGLE SENSOR
190675

**Fig. 15: High/Low Bus Circuit, Except Convertible**

# COOLING FAN

### 1.8L TURBO

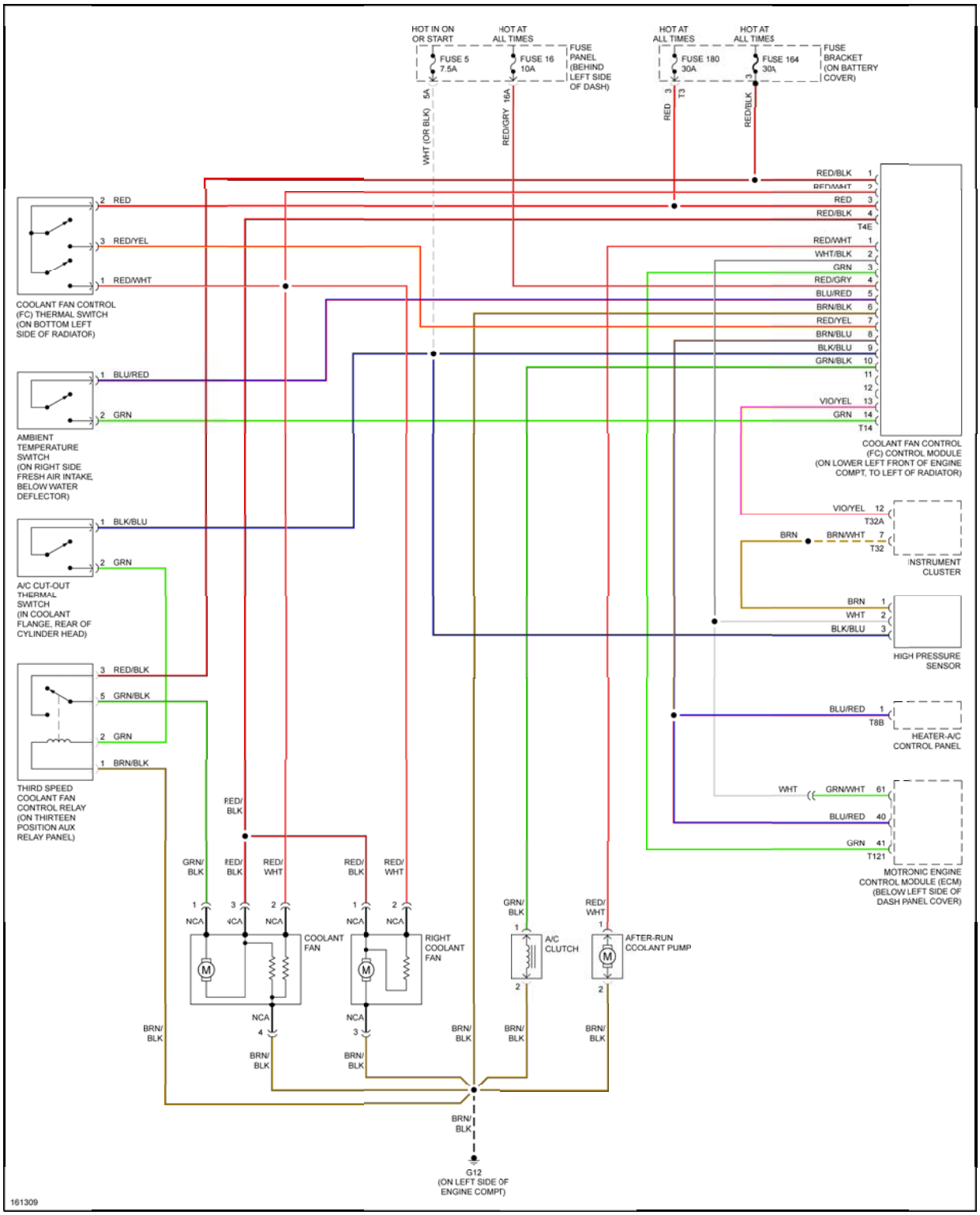
HOT IN ON OR START
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 180 30A
FUSE 164 30A
FUSE BRACKET (ON BATTERY COVER)
5A
16A
WHT (OR BLK)
RED/GRY
RED
RED/BLK
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
A/C CUT-OUT THERMAL SWITCH (IN COOLANT FLANGE, REAR OF CYLINDER HEAD)
THIRD SPEED COOLANT FAN CONTROL RELAY (ON THIRTEEN POSITION AUX RELAY PANEL)
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
T4E
T14
INSTRUMENT CLUSTER
T32A
T32
HIGH PRESSURE SENSOR
HEATER-A/C CONTROL PANEL
T8B
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
T121
COOLANT FAN
RIGHT COOLANT FAN
A/C CLUTCH
AFTER-RUN COOLANT PUMP
G12
(ON LEFT SIDE OF ENGINE COMPT)
161309

**Fig. 16: 1.8L Turbo, Cooling Fan Circuit**

## 1.9L TURBO DIESEL

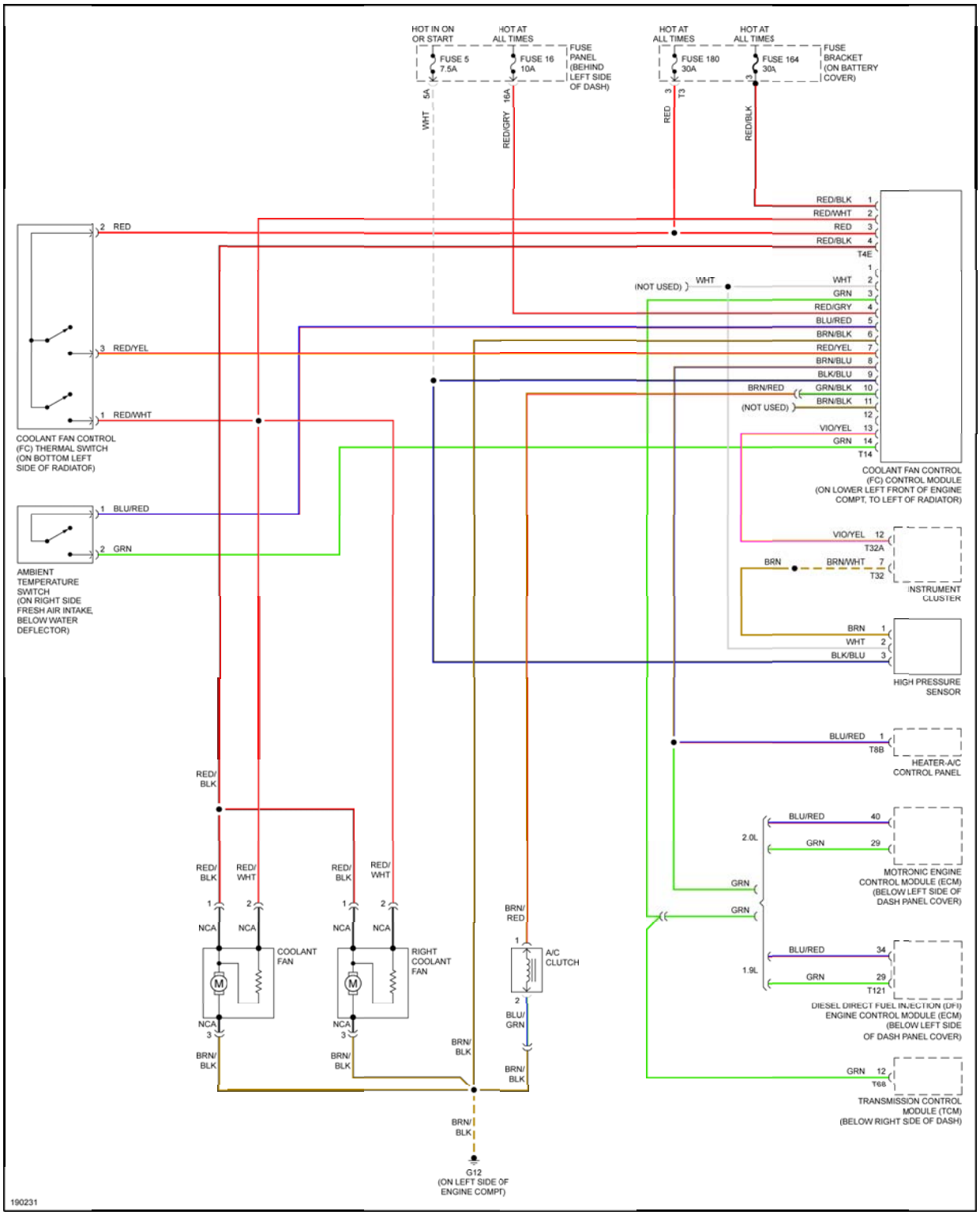
HOT IN ON OR START
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 180 30A
FUSE 164 30A
FUSE BRACKET (ON BATTERY COVER)
5A
16A
3
T3
WHT
RED/GRY
RED
RED/BLK
RED/BLK 1
RED/WHT 2
RED 3
RED/BLK 4
T4E
2 RED
3 RED/YEL
1 RED/WHT
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
1 BLU/RED
2 GRN
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
(NOT USED)
WHT
WHT 2
GRN 3
RED/GRY 4
BLU/RED 5
BRN/BLK 6
RED/YEL 7
BRN/BLU 8
BLK/BLU 9
BRN/RED
GRN/BLK 10
BRN/BLK 11
(NOT USED)
12
VIO/YEL 13
GRN 14
T14
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
VIO/YEL 12
T32A
BRN
BRN/WHT 7
T32
INSTRUMENT CLUSTER
BRN 1
WHT 2
BLK/BLU 3
HIGH PRESSURE SENSOR
BLU/RED 1
T8B
HEATER-A/C CONTROL PANEL
RED/BLK
RED/BLK
RED/WHT
RED/BLK
RED/WHT
1
2
NCA
NCA
COOLANT FAN
RIGHT COOLANT FAN
M
NCA 3
BRN/BLK
BRN/RED
1
A/C CLUTCH
2
BLU/GRN
BRN/BLK
BRN/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
2.0L
BLU/RED 40
GRN 29
GRN
GRN
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
1.9L
BLU/RED 34
GRN 29
T121
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
GRN 12
T68
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH)
190231

**Fig. 17: 1.9L Turbo Diesel, Cooling Fan Circuit, Except Convertible**

**2.0L**

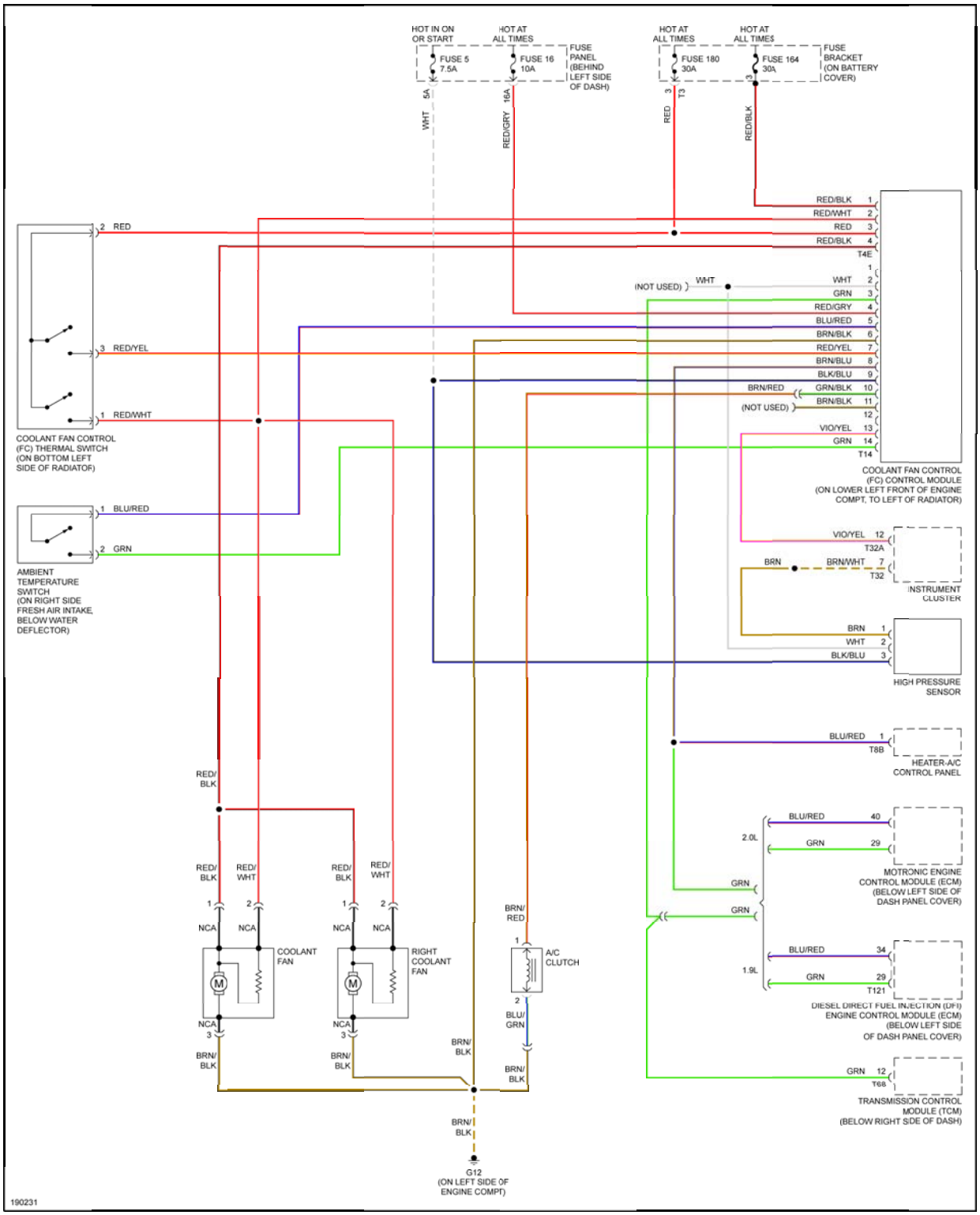
HOT IN ON OR START
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 180 30A
FUSE 164 30A
FUSE BRACKET (ON BATTERY COVER)
5A
16A
3
T3
WHT
RED/GRY
RED
RED/BLK
RED/BLK 1
RED/WHT 2
RED 3
RED/BLK 4
T4E
2 RED
3 RED/YEL
1 RED/WHT
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
1 BLU/RED
2 GRN
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
(NOT USED)
WHT
WHT 2
GRN 3
RED/GRY 4
BLU/RED 5
BRN/BLK 6
RED/YEL 7
BRN/BLU 8
BLK/BLU 9
BRN/RED
GRN/BLK 10
BRN/BLK 11
(NOT USED)
12
VIO/YEL 13
GRN 14
T14
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
VIO/YEL 12
T32A
BRN
BRN/WHT 7
T32
INSTRUMENT CLUSTER
BRN 1
WHT 2
BLK/BLU 3
HIGH PRESSURE SENSOR
BLU/RED 1
T8B
HEATER-A/C CONTROL PANEL
RED/BLK
RED/BLK
RED/WHT
RED/BLK
RED/WHT
1
2
NCA
NCA
COOLANT FAN
RIGHT COOLANT FAN
M
NCA 3
BRN/BLK
BRN/RED
1
A/C CLUTCH
2
BLU/GRN
BRN/BLK
BRN/BLK
BRN/BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
2.0L
BLU/RED 40
GRN 29
GRN
GRN
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
1.9L
BLU/RED 34
GRN 29
T121
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
GRN 12
T68
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH)
190231

**Fig. 18: 2.0L, Cooling Fan Circuit, Except Convertible**

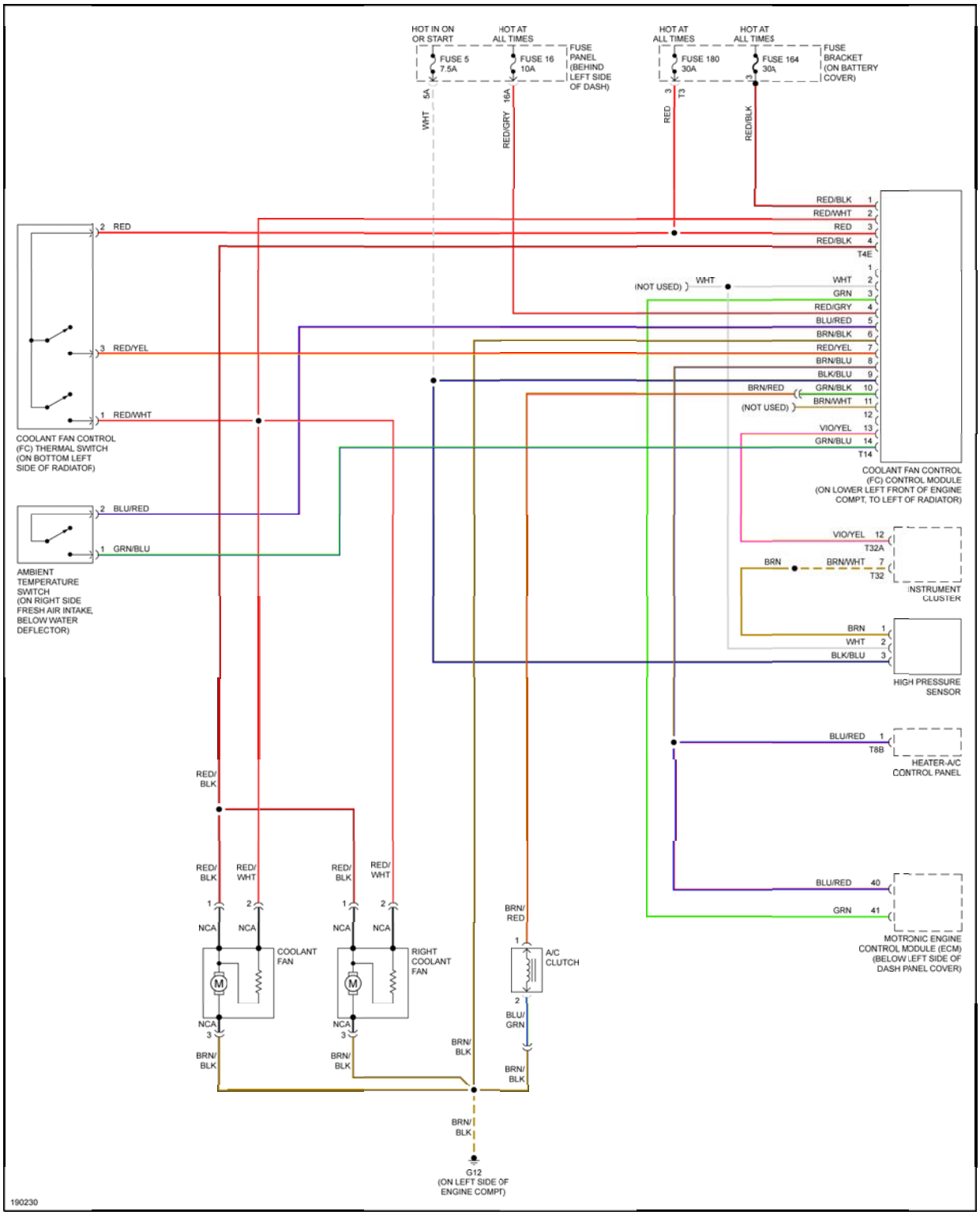
HOT IN ON OR START
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 180 30A
FUSE 164 30A
FUSE BRACKET (ON BATTERY COVER)
WHT 5A
RED/GRY 16A
RED 3 T3
RED/BLK
RED/BLK 1
RED/WHT 2
RED 3
RED/BLK 4
T4E
2 RED
3 RED/YEL
1 RED/WHT
COOLANT FAN CONTROL (FC) THERMAL SWITCH (ON BOTTOM LEFT SIDE OF RADIATOR)
2 BLU/RED
1 GRN/BLU
AMBIENT TEMPERATURE SWITCH (ON RIGHT SIDE FRESH AIR INTAKE, BELOW WATER DEFLECTOR)
(NOT USED)
WHT
WHT 2
GRN 3
RED/GRY 4
BLU/RED 5
BRN/BLK 6
RED/YEL 7
BRN/BLU 8
BLK/BLU 9
BRN/RED
GRN/BLK 10
BRN/WHT 11
(NOT USED)
12
VIO/YEL 13
GRN/BLU 14
T14
COOLANT FAN CONTROL (FC) CONTROL MODULE (ON LOWER LEFT FRONT OF ENGINE COMPT, TO LEFT OF RADIATOR)
VIO/YEL 12
T32A
BRN
BRN/WHT 7
T32
INSTRUMENT CLUSTER
BRN 1
WHT 2
BLK/BLU 3
HIGH PRESSURE SENSOR
BLU/RED 1
T8B
HEATER-A/C CONTROL PANEL
RED/ BLK
RED/ BLK
RED/ WHT
RED/ BLK
RED/ WHT
1
2
NCA
NCA
COOLANT FAN
RIGHT COOLANT FAN
M
NCA 3
BRN/ BLK
BRN/ RED
A/C CLUTCH
BLU/ GRN
BRN/ BLK
BRN/ BLK
G12 (ON LEFT SIDE OF ENGINE COMPT)
BLU/RED 40
GRN 41
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
190230

**Fig. 19: 2.0L, Cooling Fan Circuit, Convertible**

# CRUISE CONTROL

## 1.8L TURBO

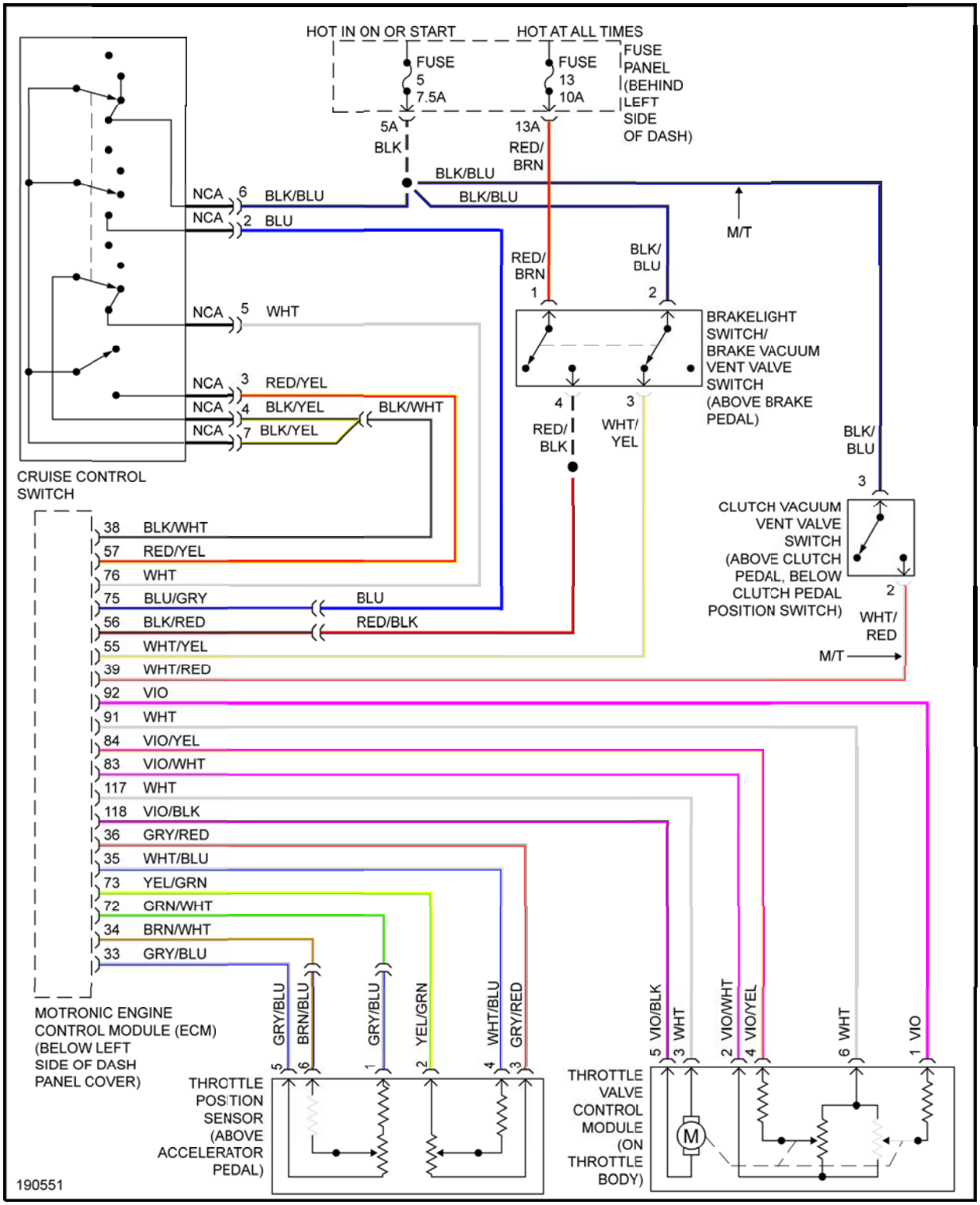
HOT IN ON OR START
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 13 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
5A
13A
BLK
RED/ BRN
BLK/BLU
BLK/BLU
M/T
NCA 6 BLK/BLU
NCA 2 BLU
NCA 5 WHT
NCA 3 RED/YEL
NCA 4 BLK/YEL
NCA 7 BLK/YEL
BLK/WHT
CRUISE CONTROL SWITCH
RED/ BRN 1
BLK/ BLU 2
BRAKELIGHT SWITCH/ BRAKE VACUUM VENT VALVE SWITCH (ABOVE BRAKE PEDAL)
4
3
RED/ BLK
WHT/ YEL
BLK/ BLU
3
CLUTCH VACUUM VENT VALVE SWITCH (ABOVE CLUTCH PEDAL, BELOW CLUTCH PEDAL POSITION SWITCH)
2
WHT/ RED
M/T
38 BLK/WHT
57 RED/YEL
76 WHT
75 BLU/GRY
56 BLK/RED
55 WHT/YEL
39 WHT/RED
92 VIO
91 WHT
84 VIO/YEL
83 VIO/WHT
117 WHT
118 VIO/BLK
36 GRY/RED
35 WHT/BLU
73 YEL/GRN
72 GRN/WHT
34 BRN/WHT
33 GRY/BLU
BLU
RED/BLK
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
GRY/BLU
BRN/BLU
GRY/BLU
YEL/GRN
WHT/BLU
GRY/RED
THROTTLE POSITION SENSOR (ABOVE ACCELERATOR PEDAL)
5 VIO/BLK
3 WHT
2 VIO/WHT
4 VIO/YEL
6 WHT
1 VIO
THROTTLE VALVE CONTROL MODULE (ON THROTTLE BODY)
M
190551

**Fig. 20: 1.8L Turbo, Cruise Control Circuit**

## 1.9L TURBO DIESEL

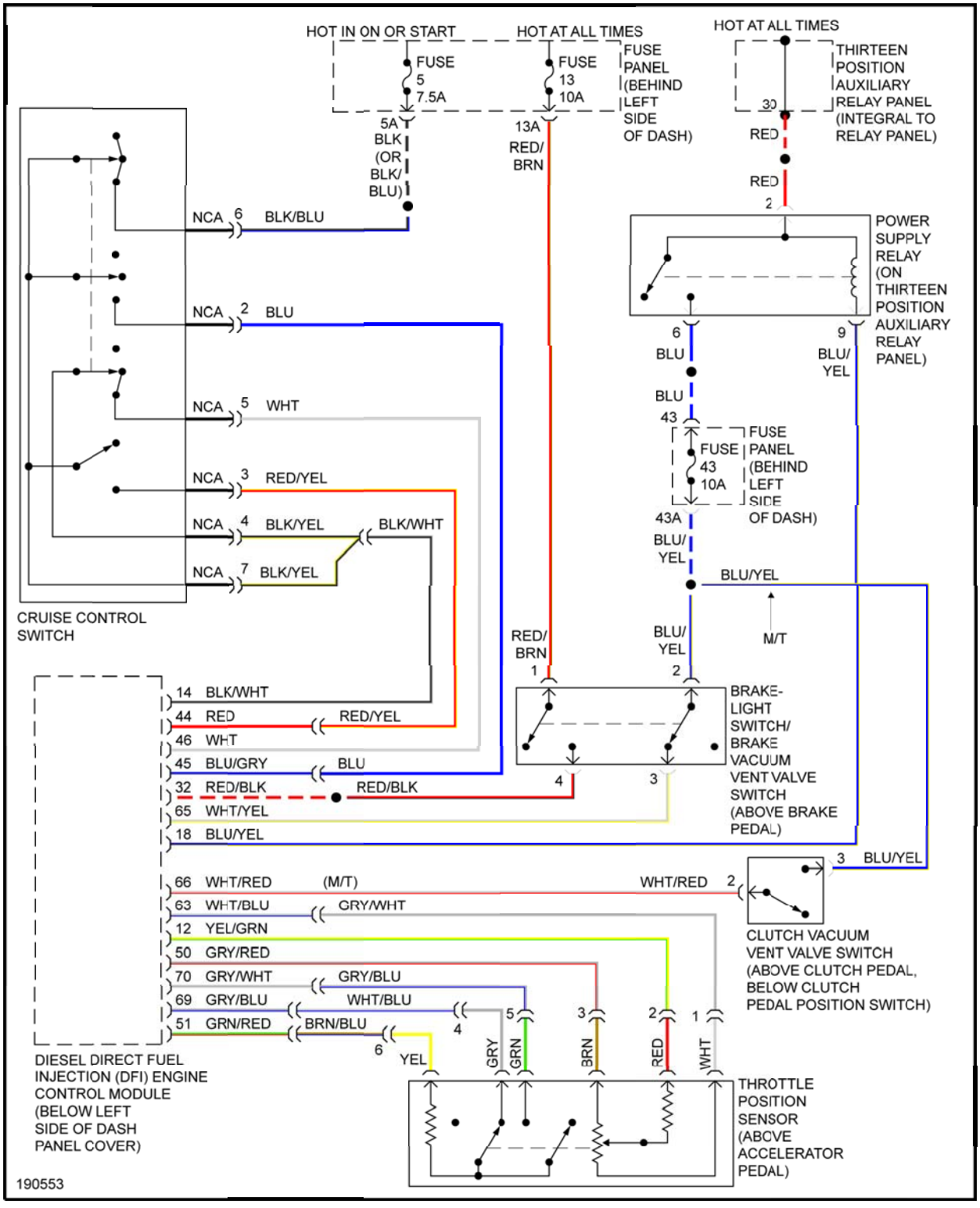
HOT IN ON OR START
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 5 7.5A
FUSE 13 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
THIRTEEN POSITION AUXILIARY RELAY PANEL (INTEGRAL TO RELAY PANEL)
30
5A BLK (OR BLK/ BLU)
13A RED/ BRN
RED
RED
2
POWER SUPPLY RELAY (ON THIRTEEN POSITION AUXILIARY RELAY PANEL)
NCA 6 BLK/BLU
NCA 2 BLU
NCA 5 WHT
NCA 3 RED/YEL
NCA 4 BLK/YEL
BLK/WHT
NCA 7 BLK/YEL
CRUISE CONTROL SWITCH
6 BLU
9 BLU/ YEL
BLU
43
FUSE 43 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
43A
BLU/ YEL
BLU/YEL
M/T
RED/ BRN 1
BLU/ YEL 2
BRAKE-LIGHT SWITCH/ BRAKE VACUUM VENT VALVE SWITCH (ABOVE BRAKE PEDAL)
4
3
14 BLK/WHT
44 RED
RED/YEL
46 WHT
45 BLU/GRY
BLU
32 RED/BLK
RED/BLK
65 WHT/YEL
18 BLU/YEL
3 BLU/YEL
66 WHT/RED (M/T)
WHT/RED 2
63 WHT/BLU
GRY/WHT
12 YEL/GRN
50 GRY/RED
70 GRY/WHT
GRY/BLU
69 GRY/BLU
WHT/BLU
51 GRN/RED
BRN/BLU
CLUTCH VACUUM VENT VALVE SWITCH (ABOVE CLUTCH PEDAL, BELOW CLUTCH PEDAL POSITION SWITCH)
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
4
5
6
3
2
1
YEL
GRY
GRN
BRN
RED
WHT
THROTTLE POSITION SENSOR (ABOVE ACCELERATOR PEDAL)
190553

**Fig. 21: 1.9L Turbo Diesel, Cruise Control Circuit**

**2.0L**

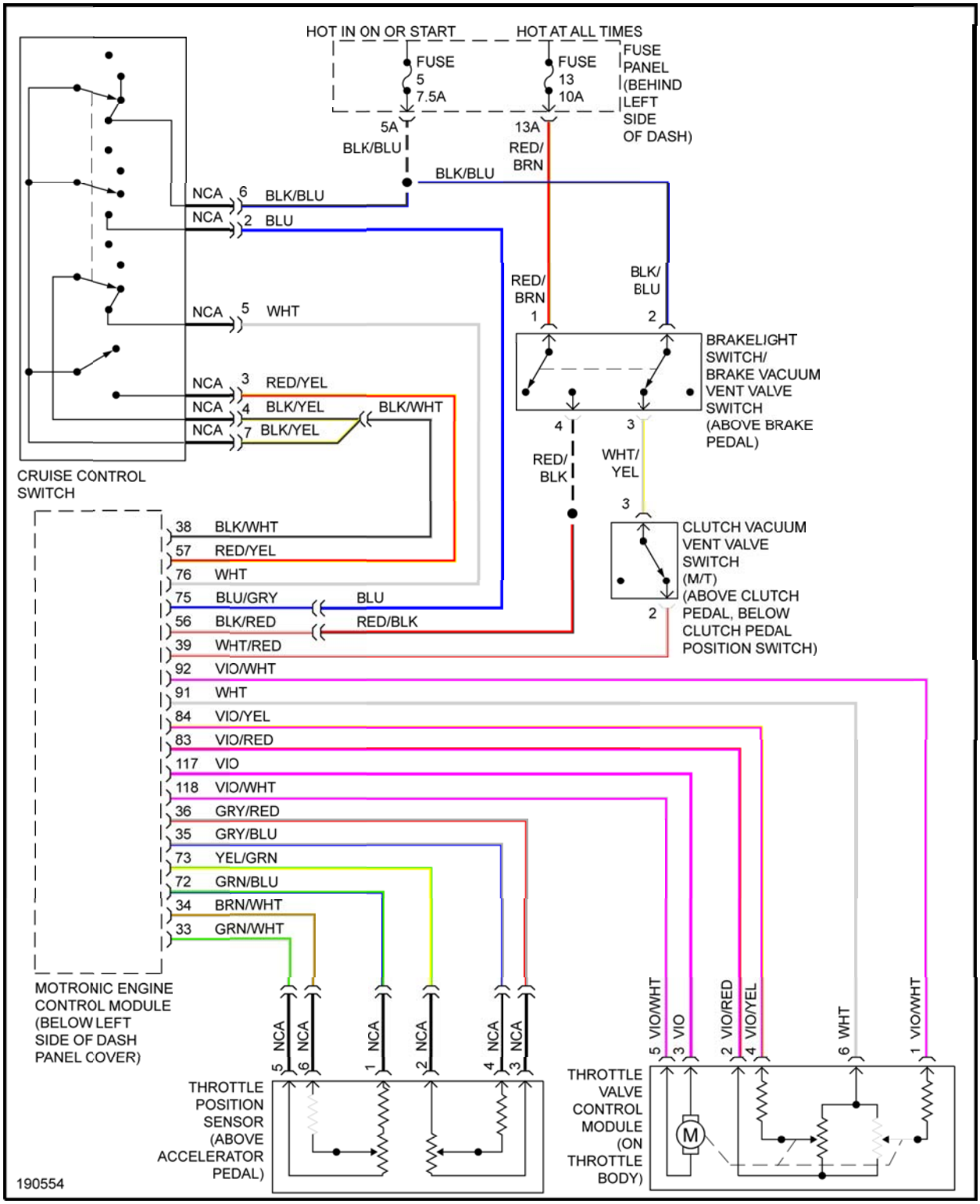
HOT IN ON OR START
HOT AT ALL TIMES
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 5 7.5A
FUSE 13 10A
5A
13A
BLK/BLU
RED/ BRN
BLK/BLU
NCA 6 BLK/BLU
NCA 2 BLU
NCA 5 WHT
NCA 3 RED/YEL
NCA 4 BLK/YEL
NCA 7 BLK/YEL
BLK/WHT
CRUISE CONTROL SWITCH
RED/ BRN 1
BLK/ BLU 2
BRAKELIGHT SWITCH/ BRAKE VACUUM VENT VALVE SWITCH (ABOVE BRAKE PEDAL)
4
3
RED/ BLK
WHT/ YEL
3
CLUTCH VACUUM VENT VALVE SWITCH (M/T) (ABOVE CLUTCH PEDAL, BELOW CLUTCH PEDAL POSITION SWITCH)
2
38 BLK/WHT
57 RED/YEL
76 WHT
75 BLU/GRY
BLU
56 BLK/RED
RED/BLK
39 WHT/RED
92 VIO/WHT
91 WHT
84 VIO/YEL
83 VIO/RED
117 VIO
118 VIO/WHT
36 GRY/RED
35 GRY/BLU
73 YEL/GRN
72 GRN/BLU
34 BRN/WHT
33 GRN/WHT
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
5 NCA
6 NCA
1 NCA
2 NCA
4 NCA
3 NCA
THROTTLE POSITION SENSOR (ABOVE ACCELERATOR PEDAL)
5 VIO/WHT
3 VIO
2 VIO/RED
4 VIO/YEL
6 WHT
1 VIO/WHT
THROTTLE VALVE CONTROL MODULE (ON THROTTLE BODY)
M
190554

**Fig. 22: 2.0L, Cruise Control Circuit, Convertible**

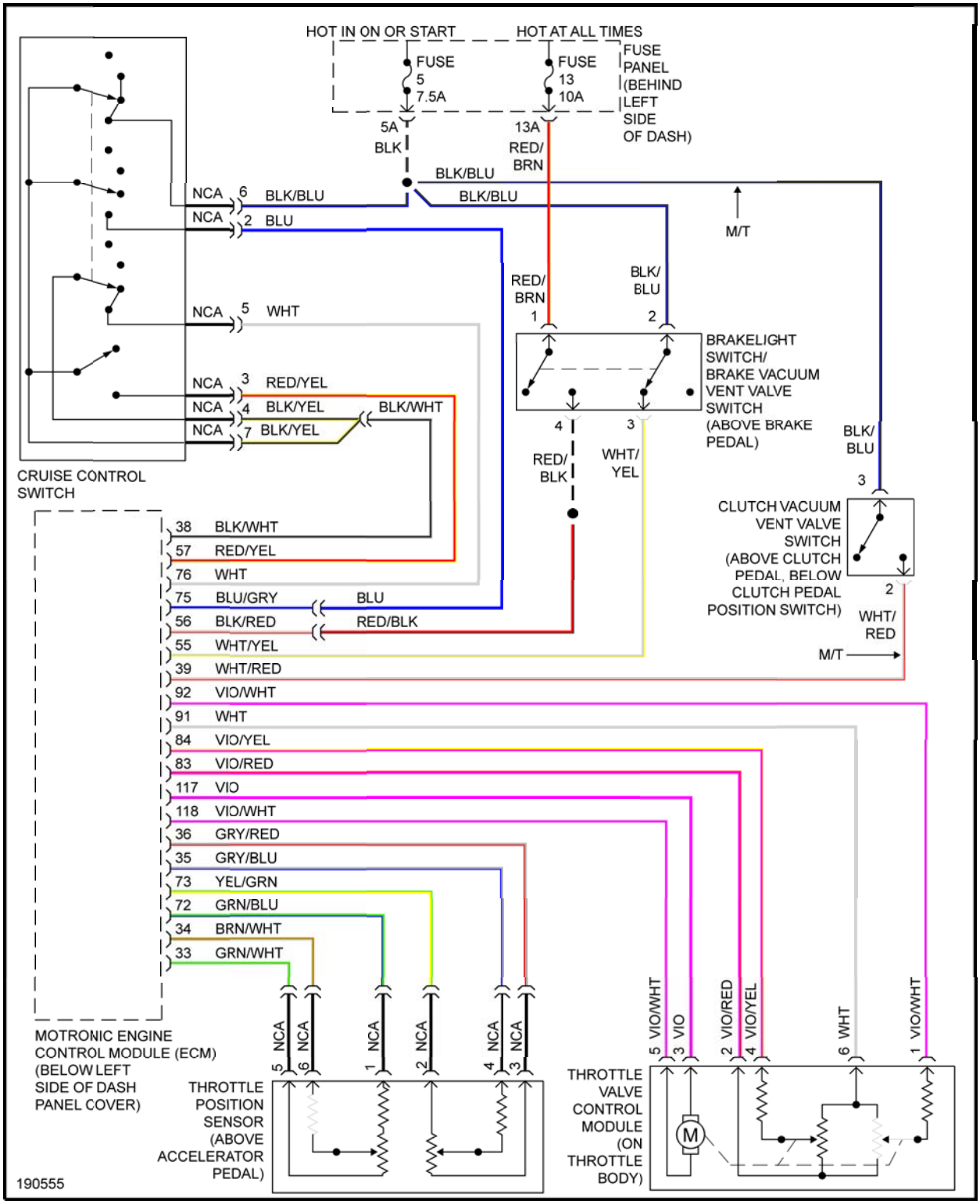
HOT IN ON OR START
HOT AT ALL TIMES
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 5 7.5A
FUSE 13 10A
5A
13A
BLK
RED/ BRN
BLK/BLU
BLK/BLU
M/T
NCA 6 BLK/BLU
NCA 2 BLU
NCA 5 WHT
NCA 3 RED/YEL
NCA 4 BLK/YEL
NCA 7 BLK/YEL
BLK/WHT
CRUISE CONTROL SWITCH
RED/ BRN 1
BLK/ BLU 2
BRAKELIGHT SWITCH/ BRAKE VACUUM VENT VALVE SWITCH (ABOVE BRAKE PEDAL)
4
3
RED/ BLK
WHT/ YEL
BLK/ BLU
3
CLUTCH VACUUM VENT VALVE SWITCH (ABOVE CLUTCH PEDAL, BELOW CLUTCH PEDAL POSITION SWITCH)
2
WHT/ RED
M/T
38 BLK/WHT
57 RED/YEL
76 WHT
75 BLU/GRY
BLU
56 BLK/RED
RED/BLK
55 WHT/YEL
39 WHT/RED
92 VIO/WHT
91 WHT
84 VIO/YEL
83 VIO/RED
117 VIO
118 VIO/WHT
36 GRY/RED
35 GRY/BLU
73 YEL/GRN
72 GRN/BLU
34 BRN/WHT
33 GRN/WHT
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
5 NCA
6 NCA
1 NCA
2 NCA
4 NCA
3 NCA
THROTTLE POSITION SENSOR (ABOVE ACCELERATOR PEDAL)
5 VIO/WHT
3 VIO
2 VIO/RED
4 VIO/YEL
6 WHT
1 VIO/WHT
THROTTLE VALVE CONTROL MODULE (ON THROTTLE BODY)
M
190555

**Fig. 23: 2.0L, Cruise Control Circuit, Except Convertible**

## DEFOGGERS

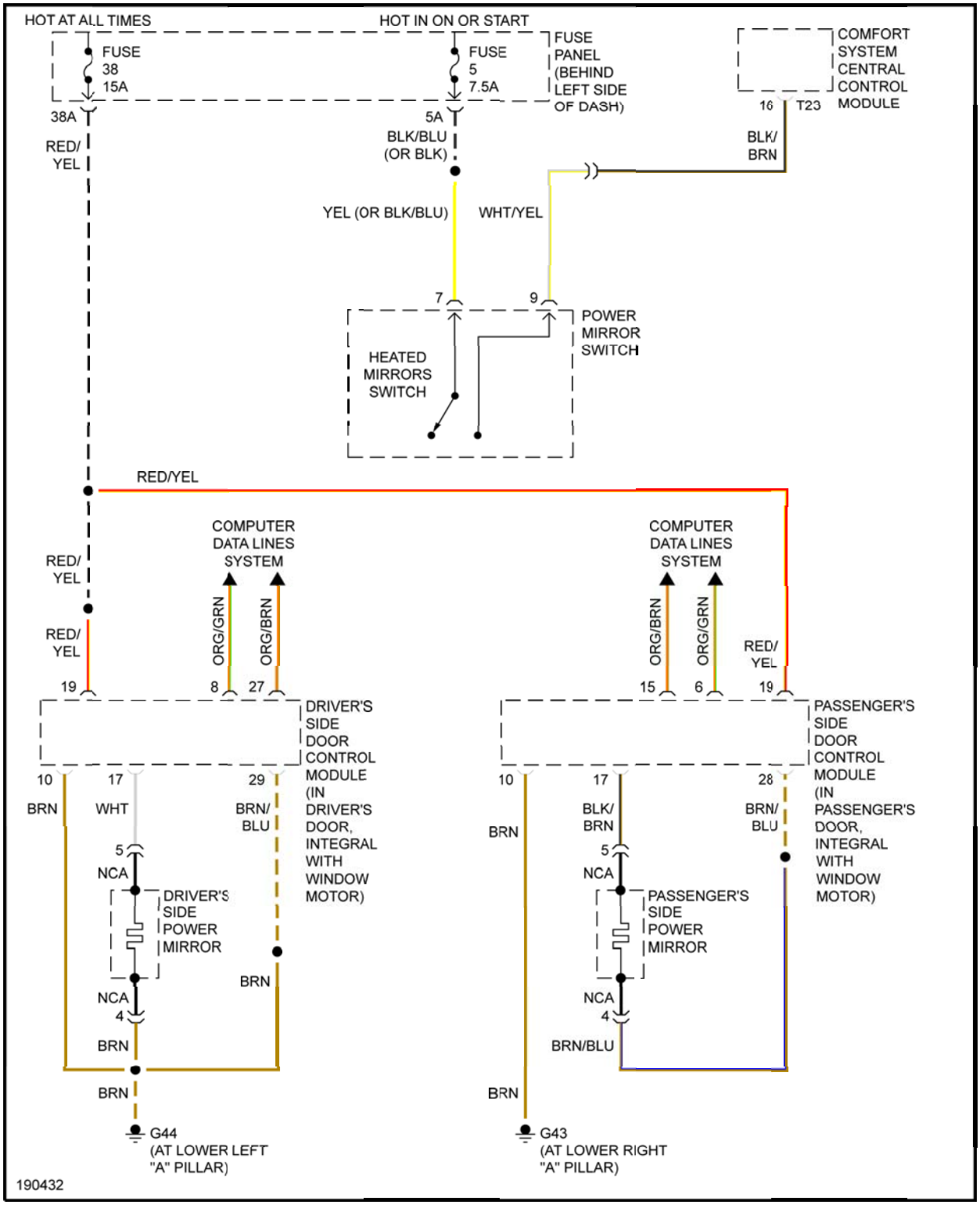
HOT AT ALL TIMES
HOT IN ON OR START
FUSE 38 15A
FUSE 5 7.5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
COMFORT SYSTEM CENTRAL CONTROL MODULE
16 T23
38A
5A
RED/ YEL
BLK/BLU (OR BLK)
BLK/ BRN
YEL (OR BLK/BLU)
WHT/YEL
7
9
POWER MIRROR SWITCH
HEATED MIRRORS SWITCH
RED/YEL
COMPUTER DATA LINES SYSTEM
ORG/GRN
ORG/BRN
RED/ YEL
19
8
27
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
10
17
29
BRN
WHT
BRN/ BLU
5
NCA
DRIVER'S SIDE POWER MIRROR
NCA
4
BRN
BRN
G44 (AT LOWER LEFT "A" PILLAR)
COMPUTER DATA LINES SYSTEM
ORG/BRN
ORG/GRN
RED/ YEL
15
6
19
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
10
17
28
BRN
BLK/ BRN
BRN/ BLU
5
NCA
PASSENGER'S SIDE POWER MIRROR
NCA
4
BRN/BLU
BRN
G43 (AT LOWER RIGHT "A" PILLAR)
190432

**Fig. 24: Heated Mirrors Circuit**

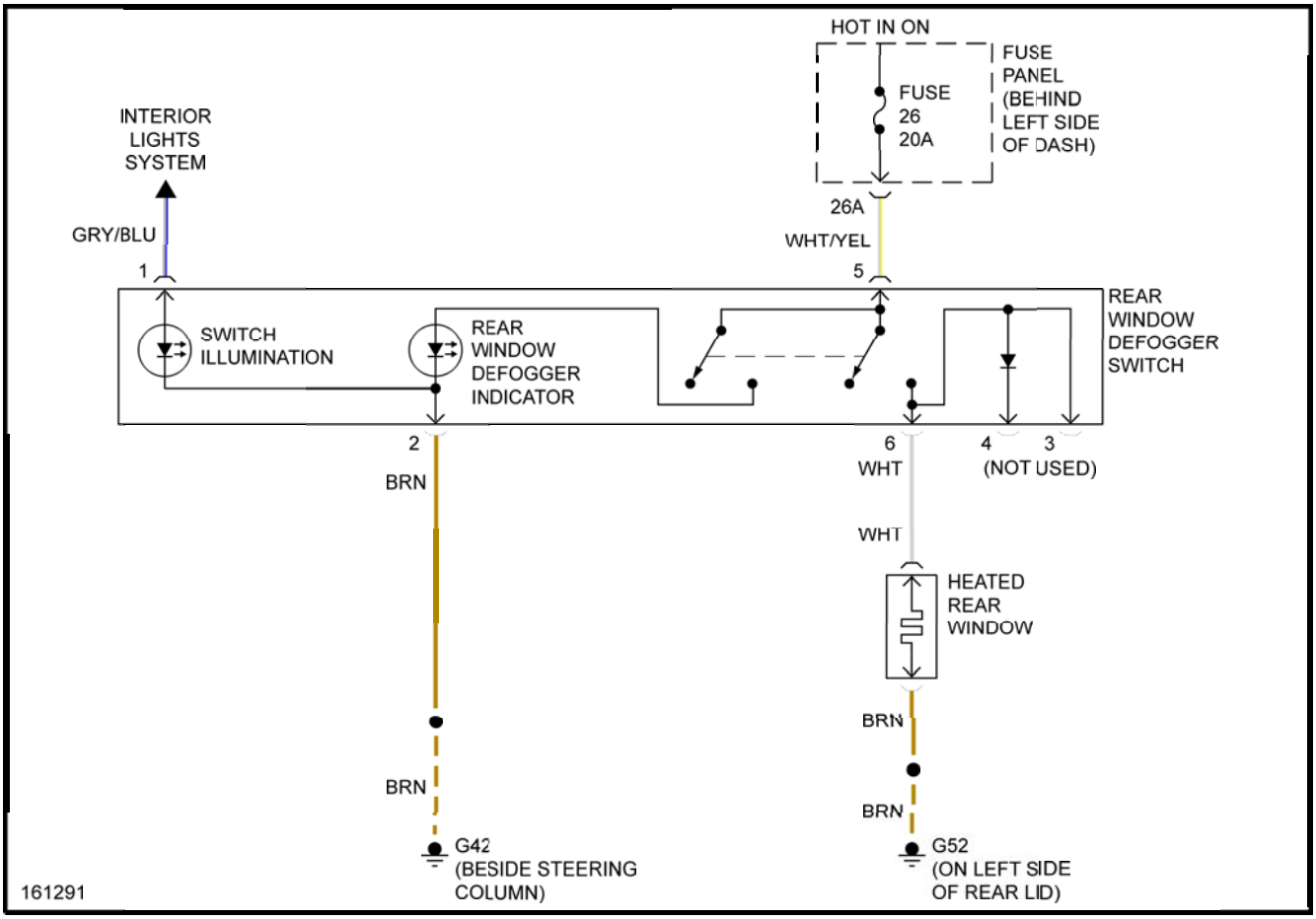
HOT IN ON
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 26 20A
INTERIOR LIGHTS SYSTEM
GRY/BLU
1
26A
WHT/YEL
5
SWITCH ILLUMINATION
REAR WINDOW DEFOGGER INDICATOR
REAR WINDOW DEFOGGER SWITCH
2
6
4
3
WHT
(NOT USED)
BRN
WHT
HEATED REAR WINDOW
BRN
BRN
BRN
G42
(BESIDE STEERING COLUMN)
G52
(ON LEFT SIDE OF REAR LID)
161291

**Fig. 25: Rear Defogger Circuit**

# ENGINE PERFORMANCE

## 1.8L TURBO

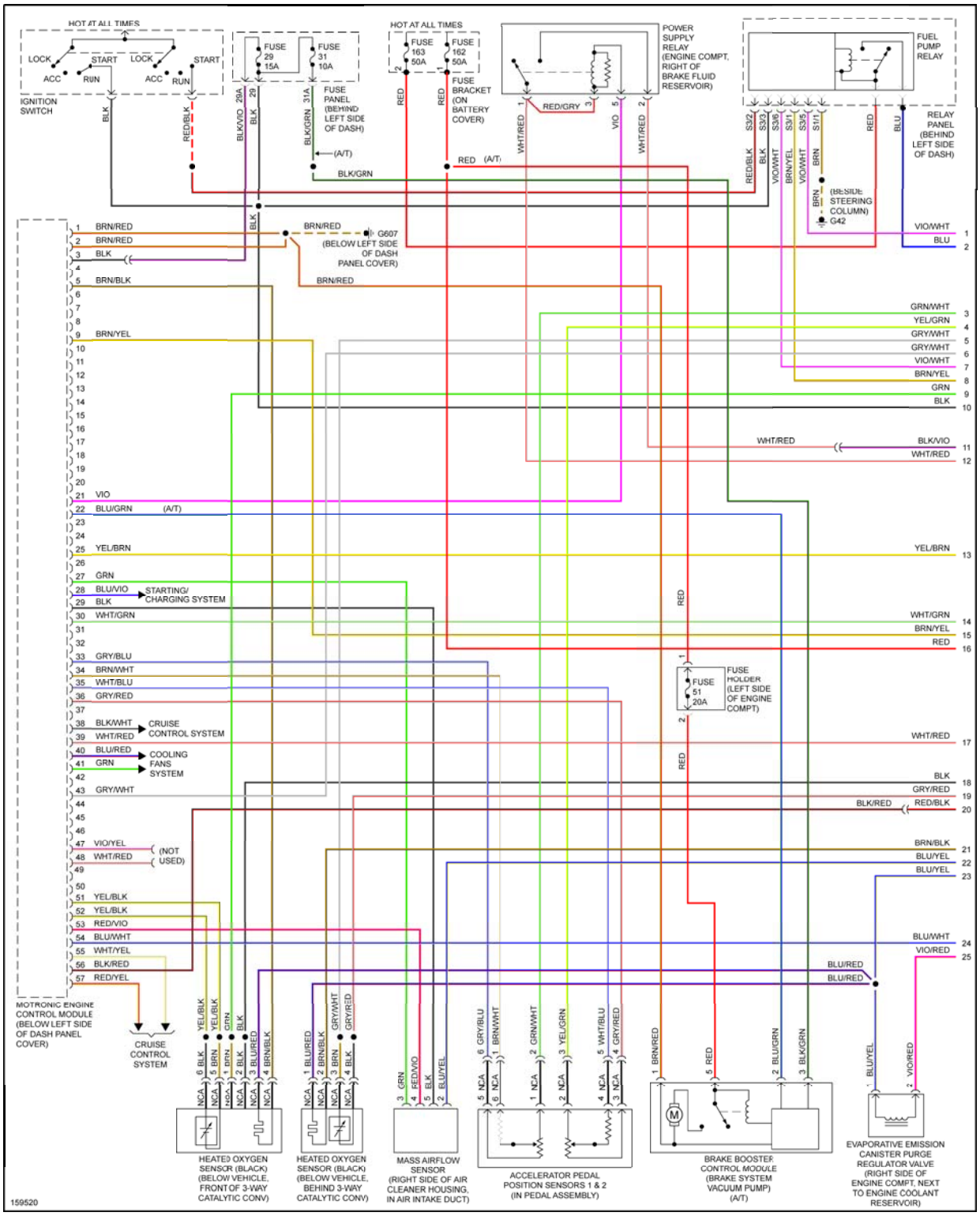
HOT AT ALL TIMES
IGNITION SWITCH
LOCK
ACC
START
RUN
FUSE 29 15A
FUSE 31 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 163 50A
FUSE 162 50A
FUSE BRACKET (ON BATTERY COVER)
POWER SUPPLY RELAY (ENGINE COMPT, RIGHT OF BRAKE FLUID RESERVOIR)
FUEL PUMP RELAY
RELAY PANEL (BEHIND LEFT SIDE OF DASH)
(BESIDE STEERING COLUMN)
G42
G607 (BELOW LEFT SIDE OF DASH PANEL COVER)
FUSE 51 20A
FUSE HOLDER (LEFT SIDE OF ENGINE COMPT)
STARTING/ CHARGING SYSTEM
CRUISE CONTROL SYSTEM
COOLING FANS SYSTEM
(NOT USED)
(A/T)
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
CRUISE CONTROL SYSTEM
HEATED OXYGEN SENSOR (BLACK) (BELOW VEHICLE, FRONT OF 3-WAY CATALYTIC CONV)
HEATED OXYGEN SENSOR (BLACK) (BELOW VEHICLE, BEHIND 3-WAY CATALYTIC CONV)
MASS AIRFLOW SENSOR (RIGHT SIDE OF AIR CLEANER HOUSING, IN AIR INTAKE DUCT)
ACCELERATOR PEDAL POSITION SENSORS 1 & 2 (IN PEDAL ASSEMBLY)
BRAKE BOOSTER CONTROL MODULE (BRAKE SYSTEM VACUUM PUMP) (A/T)
EVAPORATIVE EMISSION CANISTER PURGE REGULATOR VALVE (RIGHT SIDE OF ENGINE COMPT, NEXT TO ENGINE COOLANT RESERVOIR)
159520

**Fig. 26: 1.8L Turbo, Engine Performance Circuit (1 of 3)**

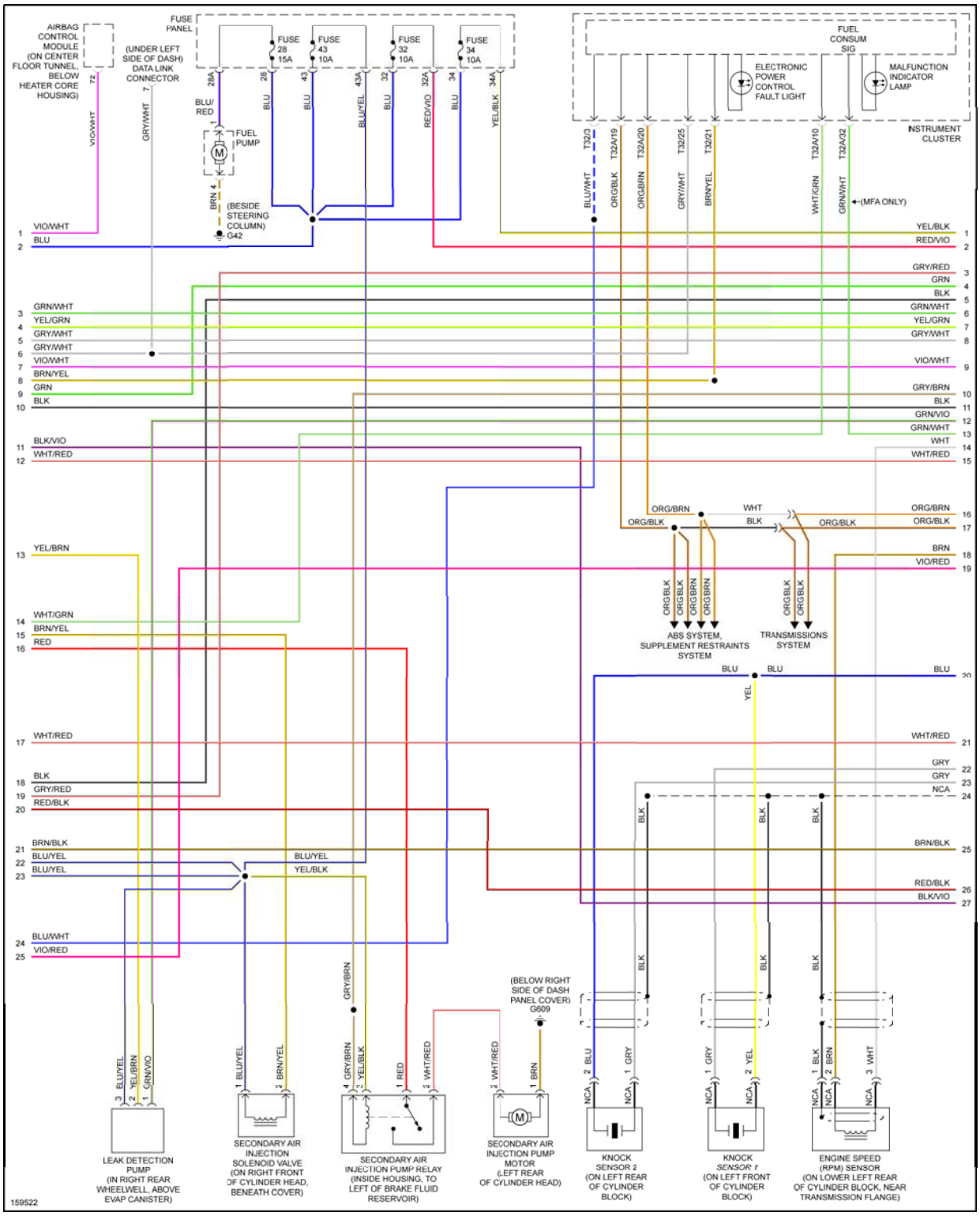
AIRBAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE HOUSING)
FUSE PANEL
(UNDER LEFT SIDE OF DASH) DATA LINK CONNECTOR
FUSE 28 15A
FUSE 43 10A
FUSE 32 10A
FUSE 34 10A
FUEL PUMP
(BESIDE STEERING COLUMN) G42
FUEL CONSUM SIG
ELECTRONIC POWER CONTROL FAULT LIGHT
MALFUNCTION INDICATOR LAMP
INSTRUMENT CLUSTER
(MFA ONLY)
ABS SYSTEM, SUPPLEMENT RESTRAINTS SYSTEM
TRANSMISSIONS SYSTEM
(BELOW RIGHT SIDE OF DASH PANEL COVER) G609
LEAK DETECTION PUMP (IN RIGHT REAR WHEELWELL, ABOVE EVAP CANISTER)
SECONDARY AIR INJECTION SOLENOID VALVE (ON RIGHT FRONT OF CYLINDER HEAD, BENEATH COVER)
SECONDARY AIR INJECTION PUMP RELAY (INSIDE HOUSING, TO LEFT OF BRAKE FLUID RESERVOIR)
SECONDARY AIR INJECTION PUMP MOTOR (LEFT REAR OF CYLINDER HEAD)
KNOCK SENSOR 2 (ON LEFT REAR OF CYLINDER BLOCK)
KNOCK SENSOR 1 (ON LEFT FRONT OF CYLINDER BLOCK)
ENGINE SPEED (RPM) SENSOR (ON LOWER LEFT REAR OF CYLINDER BLOCK, NEAR TRANSMISSION FLANGE)
159522

**Fig. 27: 1.8L Turbo, Engine Performance Circuit (2 of 3)**

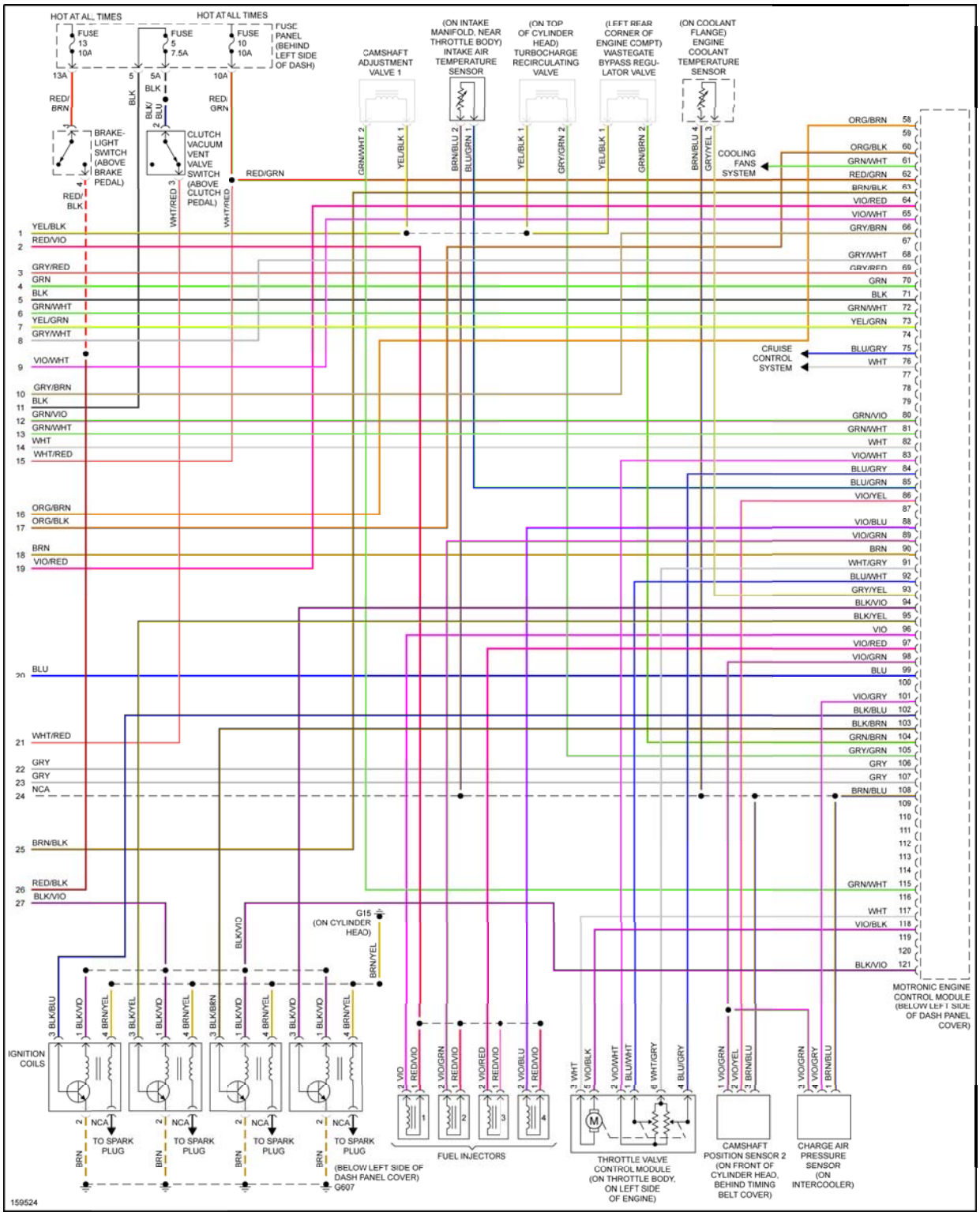
HOT AT ALL TIMES
FUSE 13 10A
FUSE 5 7.5A
HOT AT ALL TIMES
FUSE 10 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
13A
5A
10A
RED/BRN
BLK
BLK/BLU
RED/GRN
BRAKE-LIGHT SWITCH (ABOVE BRAKE PEDAL)
CLUTCH VACUUM VENT VALVE SWITCH (ABOVE CLUTCH PEDAL)
RED/GRN
RED/BLK
WHT/RED
WHT/RED
CAMSHAFT ADJUSTMENT VALVE 1
(ON INTAKE MANIFOLD, NEAR THROTTLE BODY) INTAKE AIR TEMPERATURE SENSOR
(ON TOP OF CYLINDER HEAD) TURBOCHARGE RECIRCULATING VALVE
(LEFT REAR CORNER OF ENGINE COMPT) WASTEGATE BYPASS REGU-LATOR VALVE
(ON COOLANT FLANGE) ENGINE COOLANT TEMPERATURE SENSOR
GRN/WHT 2
YEL/BLK 1
BRN/BLU 2
BLU/GRN 1
YEL/BLK 1
GRY/GRN 2
YEL/BLK 1
GRN/BRN 2
BRN/BLU 4
GRY/YEL 3
COOLING FANS SYSTEM
CRUISE CONTROL SYSTEM
YEL/BLK 1
RED/VIO 2
GRY/RED 3
GRN 4
BLK 5
GRN/WHT 6
YEL/GRN 7
GRY/WHT 8
VIO/WHT 9
GRY/BRN 10
BLK 11
GRN/VIO 12
GRN/WHT 13
WHT 14
WHT/RED 15
ORG/BRN 16
ORG/BLK 17
BRN 18
VIO/RED 19
BLU 20
WHT/RED 21
GRY 22
GRY 23
NCA 24
BRN/BLK 25
RED/BLK 26
BLK/VIO 27
ORG/BRN 58
59
ORG/BLK 60
GRN/WHT 61
RED/GRN 62
BRN/BLK 63
VIO/RED 64
VIO/WHT 65
GRY/BRN 66
67
GRY/WHT 68
GRY/RED 69
GRN 70
BLK 71
GRN/WHT 72
YEL/GRN 73
74
BLU/GRY 75
WHT 76
77
78
79
GRN/VIO 80
GRN/WHT 81
WHT 82
VIO/WHT 83
BLU/GRY 84
BLU/GRN 85
VIO/YEL 86
87
VIO/BLU 88
VIO/GRN 89
BRN 90
WHT/GRY 91
BLU/WHT 92
GRY/YEL 93
BLK/VIO 94
BLK/YEL 95
VIO 96
VIO/RED 97
VIO/GRN 98
BLU 99
100
VIO/GRY 101
BLK/BLU 102
BLK/BRN 103
GRN/BRN 104
GRY/GRN 105
GRY 106
GRY 107
BRN/BLU 108
109
110
111
112
113
114
GRN/WHT 115
116
WHT 117
VIO/BLK 118
119
120
BLK/VIO 121
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
BLK/VIO
G15 (ON CYLINDER HEAD)
BRN/YEL
IGNITION COILS
3 BLK/BLU
1 BLK/VIO
4 BRN/YEL
3 BLK/YEL
1 BLK/VIO
4 BRN/YEL
3 BLK/BRN
1 BLK/VIO
4 BRN/YEL
3 BLK/VIO
1 BLK/VIO
4 BRN/YEL
2 NCA
TO SPARK PLUG
BRN
(BELOW LEFT SIDE OF DASH PANEL COVER)
G607
2 VIO
1 RED/VIO
2 VIO/GRN
1 RED/VIO
2 VIO/RED
1 RED/VIO
2 VIO/BLU
1 RED/VIO
FUEL INJECTORS
3 WHT
5 VIO/BLK
2 VIO/WHT
1 BLU/WHT
6 WHT/GRY
4 BLU/GRY
THROTTLE VALVE CONTROL MODULE (ON THROTTLE BODY, ON LEFT SIDE OF ENGINE)
1 VIO/GRN
2 VIO/YEL
3 BRN/BLU
CAMSHAFT POSITION SENSOR 2 (ON FRONT OF CYLINDER HEAD, BEHIND TIMING BELT COVER)
3 VIO/GRN
4 VIO/GRY
1 BRN/BLU
CHARGE AIR PRESSURE SENSOR (ON INTERCOOLER)
159524

**Fig. 28: 1.8L Turbo, Engine Performance Circuit (3 of 3)**

## 1.9L TURBO DIESEL

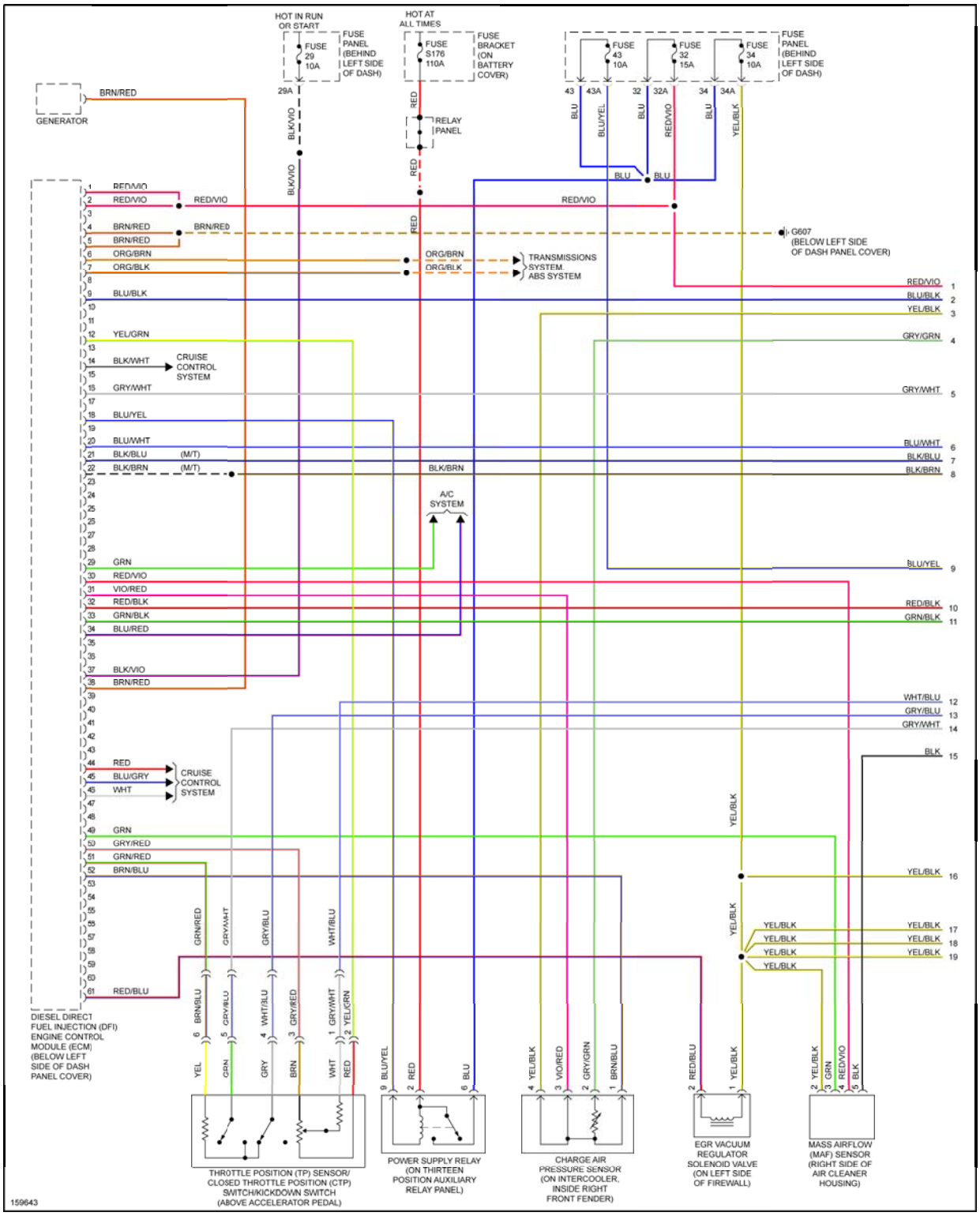
HOT IN RUN OR START
FUSE 29 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
FUSE S176 110A
FUSE BRACKET (ON BATTERY COVER)
FUSE 43 10A
FUSE 32 15A
FUSE 34 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
GENERATOR
BRN/RED
RELAY PANEL
G607 (BELOW LEFT SIDE OF DASH PANEL COVER)
TRANSMISSIONS SYSTEM
ABS SYSTEM
CRUISE CONTROL SYSTEM
A/C SYSTEM
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
THROTTLE POSITION (TP) SENSOR/ CLOSED THROTTLE POSITION (CTP) SWITCH/KICKDOWN SWITCH (ABOVE ACCELERATOR PEDAL)
POWER SUPPLY RELAY (ON THIRTEEN POSITION AUXILIARY RELAY PANEL)
CHARGE AIR PRESSURE SENSOR (ON INTERCOOLER, INSIDE RIGHT FRONT FENDER)
EGR VACUUM REGULATOR SOLENOID VALVE (ON LEFT SIDE OF FIREWALL)
MASS AIRFLOW (MAF) SENSOR (RIGHT SIDE OF AIR CLEANER HOUSING)
159643

**Fig. 29: 1.9L Turbo Diesel, Engine Performance Circuit (1 of 3)**

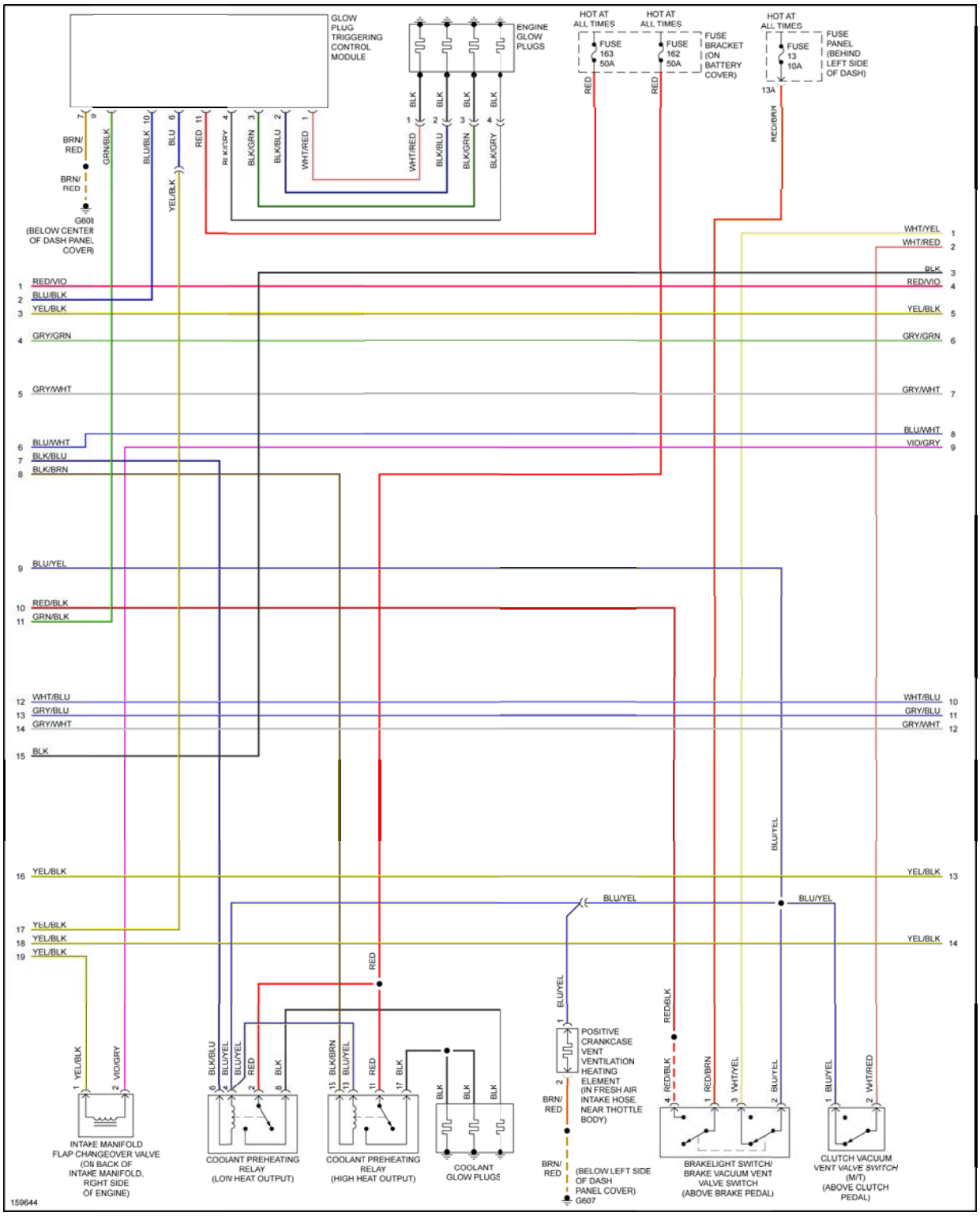
GLOW PLUG TRIGGERING CONTROL MODULE
ENGINE GLOW PLUGS
HOT AT ALL TIMES
FUSE 163 50A
FUSE 162 50A
FUSE BRACKET (ON BATTERY COVER)
FUSE 13 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
13A
RED
RED/BRN
BRN/ RED
GRN/BLK
BLU/BLK
BLU
YEL/BLK
BLK/GRY
BLK/GRN
BLK/BLU
WHT/RED
BLK
WHT/RED
BLK/BLU
BLK/GRN
BLK/GRY
G608
(BELOW CENTER OF DASH PANEL COVER)
RED/VIO
BLU/BLK
YEL/BLK
GRY/GRN
GRY/WHT
BLU/WHT
BLK/BLU
BLK/BRN
BLU/YEL
RED/BLK
GRN/BLK
WHT/BLU
GRY/BLU
GRY/WHT
BLK
YEL/BLK
YEL/BLK
YEL/BLK
YEL/BLK
WHT/YEL
WHT/RED
BLK
RED/VIO
YEL/BLK
GRY/GRN
GRY/WHT
BLU/WHT
VIO/GRY
WHT/BLU
GRY/BLU
GRY/WHT
YEL/BLK
YEL/BLK
BLU/YEL
BLU/YEL
BLU/YEL
RED
BLK/BLU
BLU/YEL
BLU/YEL
RED
BLK
BLK/BRN
BLU/YEL
RED
BLK
BLK
BLK
BLK
BLU/YEL
RED/BLK
RED/BRN
WHT/YEL
BLU/YEL
BLU/YEL
WHT/RED
POSITIVE CRANKCASE VENT VENTILATION HEATING ELEMENT (IN FRESH AIR INTAKE HOSE, NEAR THOTTLE BODY)
BRN/ RED
BRN/ RED
(BELOW LEFT SIDE OF DASH PANEL COVER)
G607
INTAKE MANIFOLD FLAP CHANGEOVER VALVE (ON BACK OF INTAKE MANIFOLD, RIGHT SIDE OF ENGINE)
COOLANT PREHEATING RELAY (LOW HEAT OUTPUT)
COOLANT PREHEATING RELAY (HIGH HEAT OUTPUT)
COOLANT GLOW PLUGS
BRAKELIGHT SWITCH/ BRAKE VACUUM VENT VALVE SWITCH (ABOVE BRAKE PEDAL)
CLUTCH VACUUM VENT VALVE SWITCH (M/T) (ABOVE CLUTCH PEDAL)
159644

**Fig. 30: 1.9L Turbo Diesel, Engine Performance Circuit (2 of 3)**

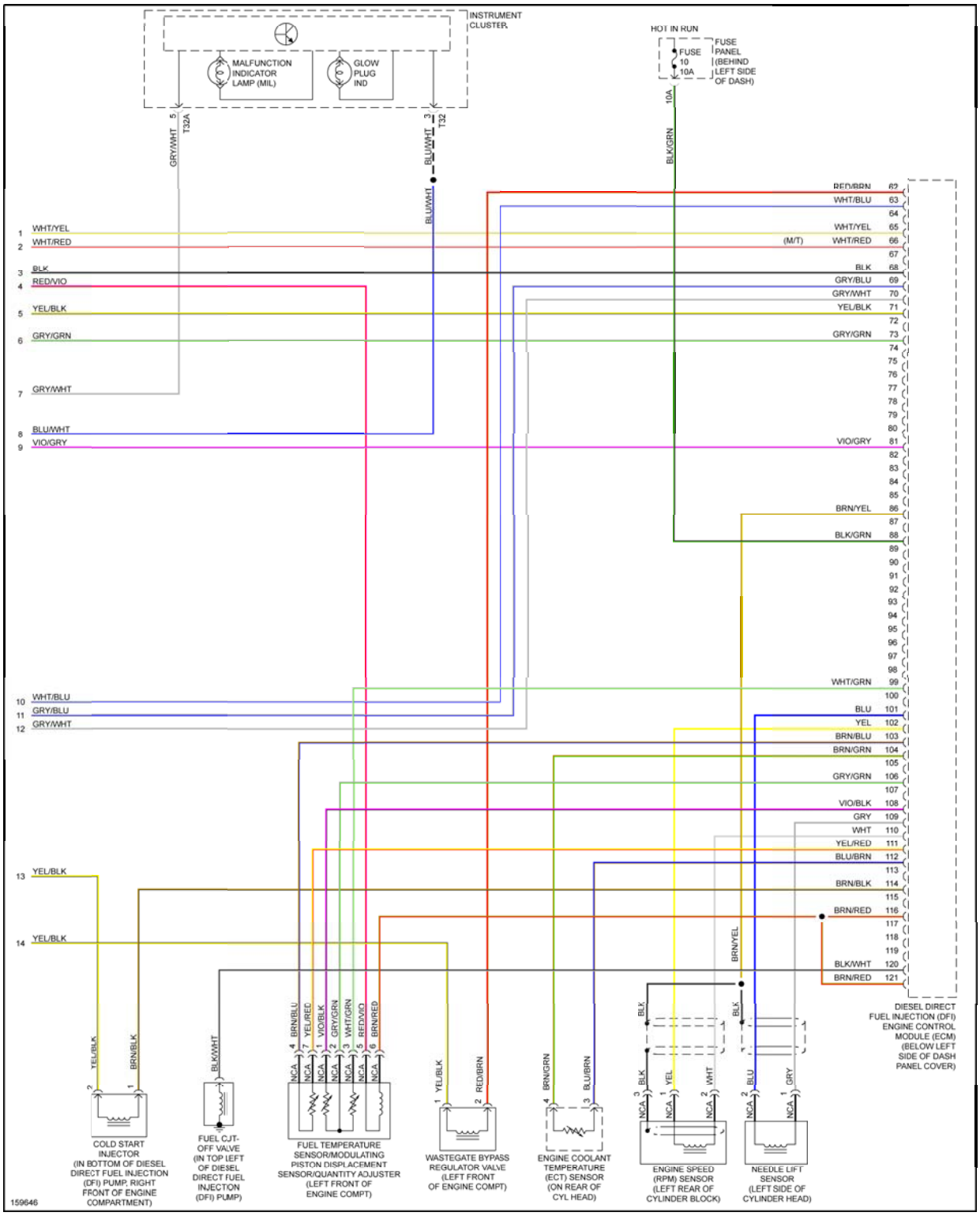
INSTRUMENT CLUSTER
MALFUNCTION INDICATOR LAMP (MIL)
GLOW PLUG IND
HOT IN RUN
FUSE 10 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
GRY/WHT 5 T32A
BLU/WHT 3 T32
BLK/GRN
BLU/WHT
1 WHT/YEL
2 WHT/RED
3 BLK
4 RED/VIO
5 YEL/BLK
6 GRY/GRN
7 GRY/WHT
8 BLU/WHT
9 VIO/GRY
10 WHT/BLU
11 GRY/BLU
12 GRY/WHT
13 YEL/BLK
14 YEL/BLK
RED/BRN 62
WHT/BLU 63
64
WHT/YEL 65
(M/T) WHT/RED 66
67
BLK 68
GRY/BLU 69
GRY/WHT 70
YEL/BLK 71
72
GRY/GRN 73
74
75
76
77
78
79
80
VIO/GRY 81
82
83
84
85
BRN/YEL 86
87
BLK/GRN 88
89
90
91
92
93
94
95
96
97
98
WHT/GRN 99
100
BLU 101
YEL 102
BRN/BLU 103
BRN/GRN 104
105
GRY/GRN 106
107
VIO/BLK 108
GRY 109
WHT 110
YEL/RED 111
BLU/BRN 112
113
BRN/BLK 114
115
BRN/RED 116
117
118
119
BLK/WHT 120
BRN/RED 121
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
COLD START INJECTOR (IN BOTTOM OF DIESEL DIRECT FUEL INJECTION (DFI) PUMP, RIGHT FRONT OF ENGINE COMPARTMENT)
FUEL CUT-OFF VALVE (IN TOP LEFT OF DIESEL DIRECT FUEL INJECTION (DFI) PUMP)
FUEL TEMPERATURE SENSOR/MODULATING PISTON DISPLACEMENT SENSOR/QUANTITY ADJUSTER (LEFT FRONT OF ENGINE COMPT)
WASTEGATE BYPASS REGULATOR VALVE (LEFT FRONT OF ENGINE COMPT)
ENGINE COOLANT TEMPERATURE (ECT) SENSOR (ON REAR OF CYL HEAD)
ENGINE SPEED (RPM) SENSOR (LEFT REAR OF CYLINDER BLOCK)
NEEDLE LIFT SENSOR (LEFT SIDE OF CYLINDER HEAD)
159646

**Fig. 31: 1.9L Turbo Diesel, Engine Performance Circuit (3 of 3)**

**2.0L**

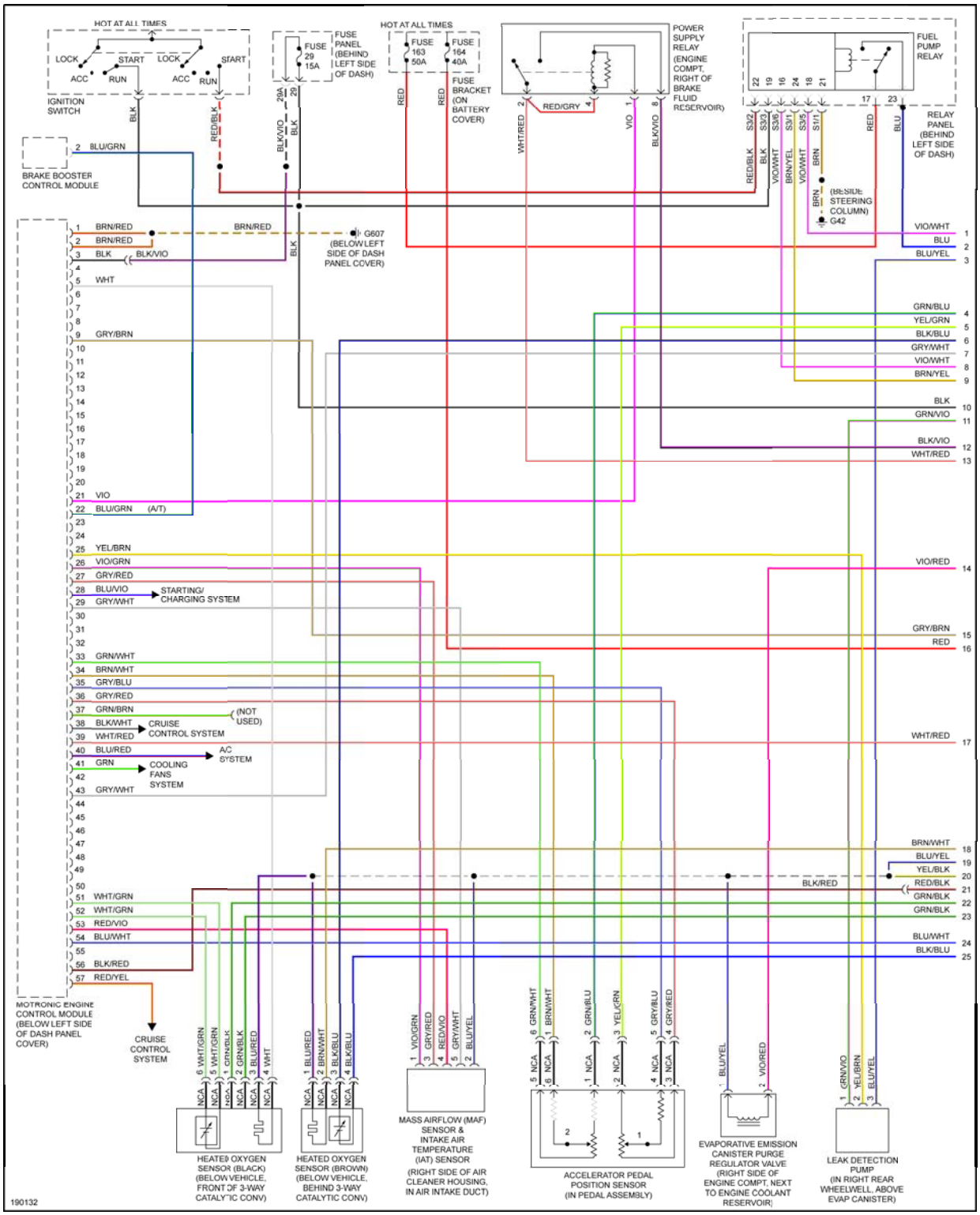
HOT AT ALL TIMES
LOCK
START
ACC
RUN
IGNITION SWITCH
FUSE 29 15A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 163 50A
FUSE 164 40A
FUSE BRACKET (ON BATTERY COVER)
POWER SUPPLY RELAY (ENGINE COMPT, RIGHT OF BRAKE FLUID RESERVOIR)
FUEL PUMP RELAY
RELAY PANEL (BEHIND LEFT SIDE OF DASH)
BRAKE BOOSTER CONTROL MODULE
(BESIDE STEERING COLUMN)
G42
G607
(BELOW LEFT SIDE OF DASH PANEL COVER)
STARTING/ CHARGING SYSTEM
CRUISE CONTROL SYSTEM
(NOT USED)
A/C SYSTEM
COOLING FANS SYSTEM
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
CRUISE CONTROL SYSTEM
HEATED OXYGEN SENSOR (BLACK) (BELOW VEHICLE, FRONT OF 3-WAY CATALYTIC CONV)
HEATED OXYGEN SENSOR (BROWN) (BELOW VEHICLE, BEHIND 3-WAY CATALYTIC CONV)
MASS AIRFLOW (MAF) SENSOR & INTAKE AIR TEMPERATURE (IAT) SENSOR
(RIGHT SIDE OF AIR CLEANER HOUSING, IN AIR INTAKE DUCT)
ACCELERATOR PEDAL POSITION SENSOR (IN PEDAL ASSEMBLY)
EVAPORATIVE EMISSION CANISTER PURGE REGULATOR VALVE (RIGHT SIDE OF ENGINE COMPT, NEXT TO ENGINE COOLANT RESERVOIR)
LEAK DETECTION PUMP (IN RIGHT REAR WHEELWELL, ABOVE EVAP CANISTER)
190132

**Fig. 32: 2.0L, Engine Performance Circuit, Convertible (1 of 3)**

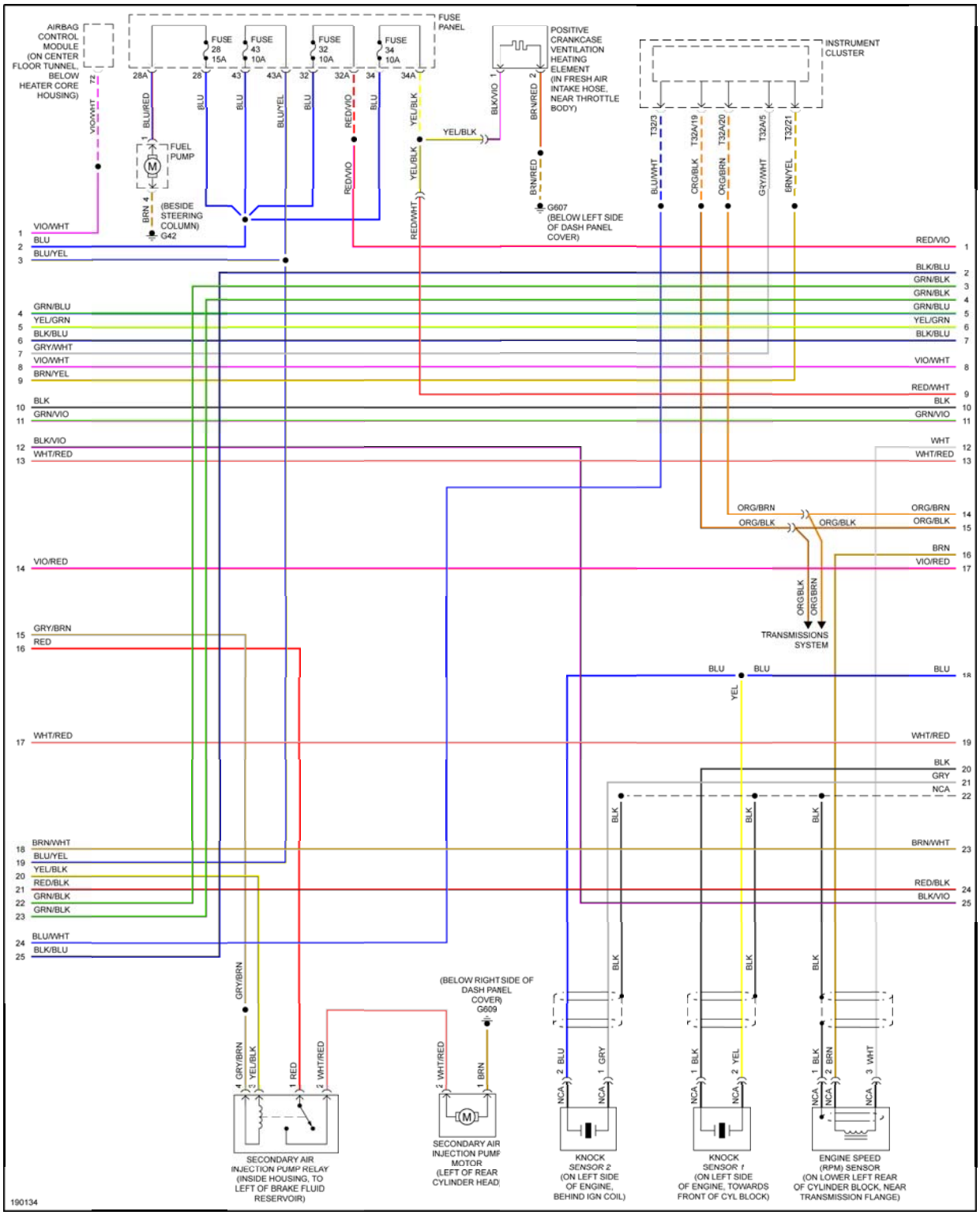
AIRBAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE HOUSING)
FUSE PANEL
FUSE 28 15A
FUSE 43 10A
FUSE 32 10A
FUSE 34 10A
POSITIVE CRANKCASE VENTILATION HEATING ELEMENT (IN FRESH AIR INTAKE HOSE, NEAR THROTTLE BODY)
INSTRUMENT CLUSTER
FUEL PUMP
(BESIDE STEERING COLUMN) G42
G607 (BELOW LEFT SIDE OF DASH PANEL COVER)
TRANSMISSIONS SYSTEM
(BELOW RIGHT SIDE OF DASH PANEL COVER) G609
SECONDARY AIR INJECTION PUMP RELAY (INSIDE HOUSING, TO LEFT OF BRAKE FLUID RESERVOIR)
SECONDARY AIR INJECTION PUMP MOTOR (LEFT OF REAR CYLINDER HEAD)
KNOCK SENSOR 2 (ON LEFT SIDE OF ENGINE, BEHIND IGN COIL)
KNOCK SENSOR 1 (ON LEFT SIDE OF ENGINE, TOWARDS FRONT OF CYL BLOCK)
ENGINE SPEED (RPM) SENSOR (ON LOWER LEFT REAR OF CYLINDER BLOCK, NEAR TRANSMISSION FLANGE)
190134

**Fig. 33: 2.0L, Engine Performance Circuit, Convertible (2 of 3)**

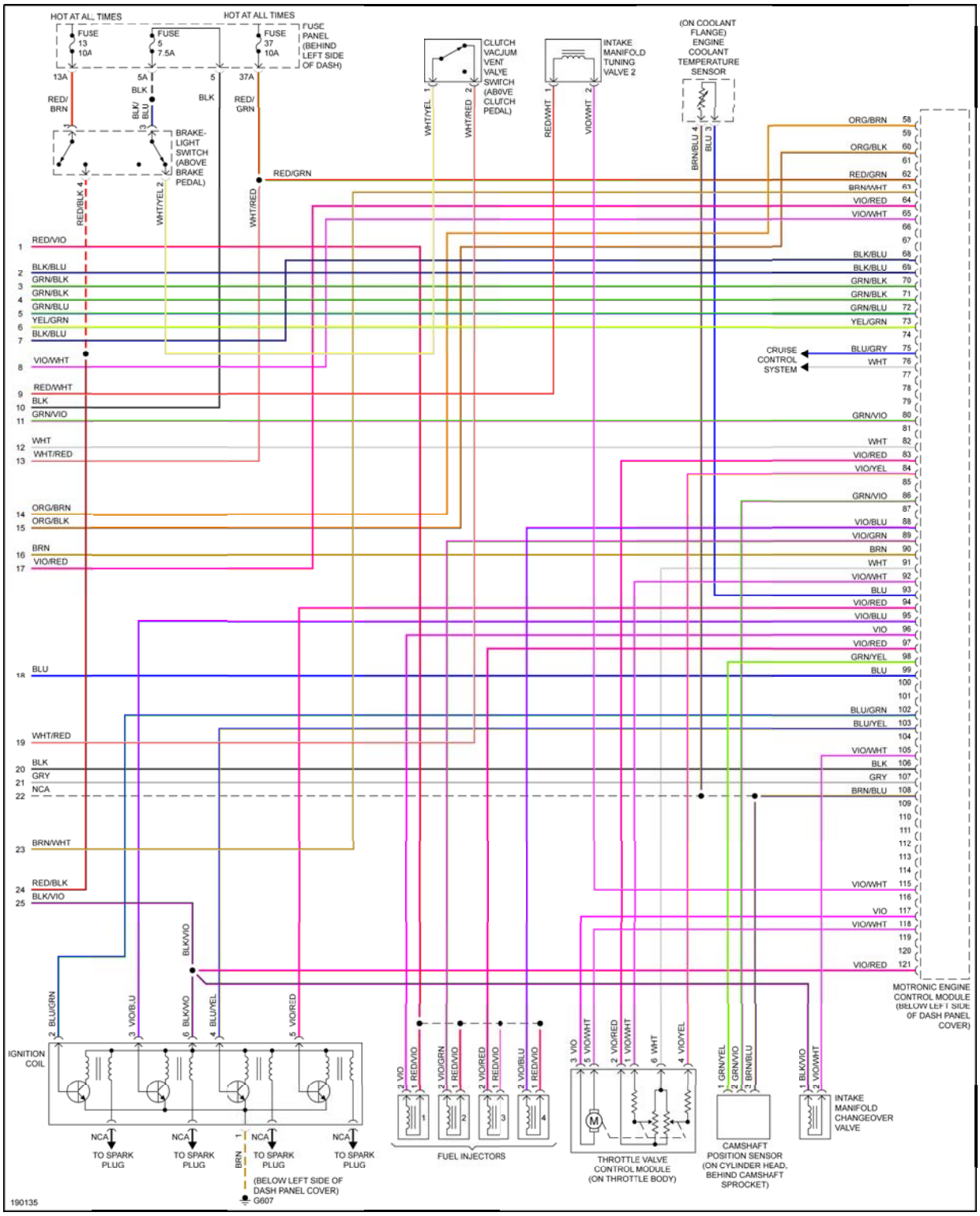
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 13 10A
FUSE 5 7.5A
FUSE 37 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
13A
5A
5
37A
RED/BRN
BLK
BLK/BLU
BLK
RED/GRN
BRAKE-LIGHT SWITCH (ABOVE BRAKE PEDAL)
RED/BLK
WHT/YEL
WHT/RED
RED/GRN
CLUTCH VACUUM VENT VALVE SWITCH (ABOVE CLUTCH PEDAL)
WHT/YEL
WHT/RED
INTAKE MANIFOLD TUNING VALVE 2
RED/WHT
VIO/WHT
(ON COOLANT FLANGE) ENGINE COOLANT TEMPERATURE SENSOR
BRN/BLU
BLU
RED/VIO
BLK/BLU
GRN/BLK
GRN/BLK
GRN/BLU
YEL/GRN
BLK/BLU
VIO/WHT
RED/WHT
BLK
GRN/VIO
ORG/BRN
ORG/BLK
BRN
VIO/RED
BLU
WHT/RED
BLK
GRY
NCA
BRN/WHT
RED/BLK
BLK/VIO
ORG/BRN 58
ORG/BLK 60
RED/GRN 62
BRN/WHT 63
VIO/RED 64
VIO/WHT 65
BLK/BLU 68
BLK/BLU 69
GRN/BLK 70
GRN/BLK 71
GRN/BLU 72
YEL/GRN 73
CRUISE CONTROL SYSTEM
BLU/GRY 75
WHT 76
GRN/VIO 80
WHT 82
VIO/RED 83
VIO/YEL 84
GRN/VIO 86
VIO/BLU 88
VIO/GRN 89
BRN 90
WHT 91
VIO/WHT 92
BLU 93
VIO/RED 94
VIO/BLU 95
VIO 96
VIO/RED 97
GRN/YEL 98
BLU 99
BLU/GRN 102
BLU/YEL 103
VIO/WHT 105
BLK 106
GRY 107
BRN/BLU 108
VIO/WHT 115
VIO 117
VIO/WHT 118
VIO/RED 121
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
BLU/GRN
VIO/BLU
BLK/VIO
BLU/YEL
VIO/RED
IGNITION COIL
NCA
TO SPARK PLUG
NCA
TO SPARK PLUG
NCA
TO SPARK PLUG
NCA
TO SPARK PLUG
BRN
(BELOW LEFT SIDE OF DASH PANEL COVER)
G607
VIO
RED/VIO
VIO/GRN
RED/VIO
VIO/RED
RED/VIO
VIO/BLU
RED/VIO
FUEL INJECTORS
VIO
VIO/WHT
VIO/RED
VIO/WHT
WHT
VIO/YEL
THROTTLE VALVE CONTROL MODULE (ON THROTTLE BODY)
GRN/YEL
GRN/VIO
BRN/BLU
CAMSHAFT POSITION SENSOR (ON CYLINDER HEAD, BEHIND CAMSHAFT SPROCKET)
BLK/VIO
VIO/WHT
INTAKE MANIFOLD CHANGEOVER VALVE
190135

**Fig. 34: 2.0L, Engine Performance Circuit, Convertible (3 of 3)**

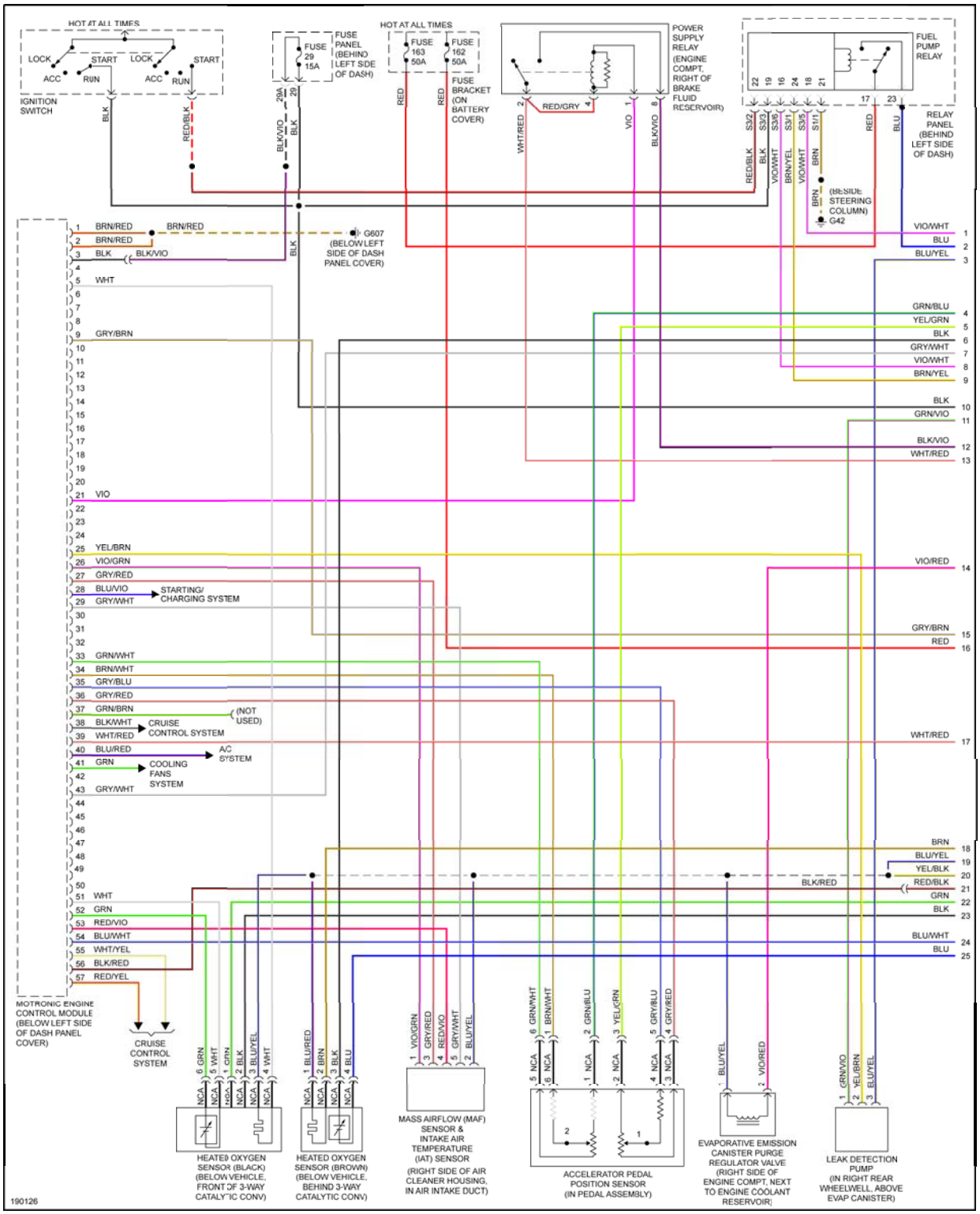
HOT AT ALL TIMES
LOCK
ACC
START
RUN
IGNITION SWITCH
BLK
RED/BLK
FUSE 29 15A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
BLK/VIO
HOT AT ALL TIMES
FUSE 163 50A
FUSE 162 50A
RED
FUSE BRACKET (ON BATTERY COVER)
POWER SUPPLY RELAY (ENGINE COMPT, RIGHT OF BRAKE FLUID RESERVOIR)
RED/GRY
WHT/RED
VIO
BLK/VIO
FUEL PUMP RELAY
RELAY PANEL (BEHIND LEFT SIDE OF DASH)
RED/BLK
BLK
VIO/WHT
BRN/YEL
BRN
(BESIDE STEERING COLUMN)
G42
G607
(BELOW LEFT SIDE OF DASH PANEL COVER)
BRN/RED
BLK/VIO
VIO/WHT
BLU
BLU/YEL
GRN/BLU
YEL/GRN
GRY/WHT
BRN/YEL
GRN/VIO
BLK/VIO
WHT/RED
VIO
VIO/RED
GRY/BRN
RED
WHT/RED
YEL/BRN
VIO/GRN
GRY/RED
BLU/VIO
GRY/WHT
STARTING/ CHARGING SYSTEM
GRN/WHT
BRN/WHT
GRY/BLU
GRY/RED
GRN/BRN
BLK/WHT
WHT/RED
(NOT USED)
CRUISE CONTROL SYSTEM
BLU/RED
GRN
GRY/WHT
A/C SYSTEM
COOLING FANS SYSTEM
BRN
BLU/YEL
YEL/BLK
RED/BLK
GRN
BLK
BLU/WHT
BLU
WHT
GRN
RED/VIO
BLU/WHT
WHT/YEL
BLK/RED
RED/YEL
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
CRUISE CONTROL SYSTEM
HEATED OXYGEN SENSOR (BLACK) (BELOW VEHICLE, FRONT OF 3-WAY CATALYTIC CONV)
HEATED OXYGEN SENSOR (BROWN) (BELOW VEHICLE, BEHIND 3-WAY CATALYTIC CONV)
MASS AIRFLOW (MAF) SENSOR & INTAKE AIR TEMPERATURE (IAT) SENSOR
(RIGHT SIDE OF AIR CLEANER HOUSING, IN AIR INTAKE DUCT)
ACCELERATOR PEDAL POSITION SENSOR (IN PEDAL ASSEMBLY)
EVAPORATIVE EMISSION CANISTER PURGE REGULATOR VALVE (RIGHT SIDE OF ENGINE COMPT, NEXT TO ENGINE COOLANT RESERVOIR)
LEAK DETECTION PUMP (IN RIGHT REAR WHEELWELL, ABOVE EVAP CANISTER)
190126

**Fig. 35: 2.0L, Engine Performance Circuit, Except Convertible (1 of 3)**

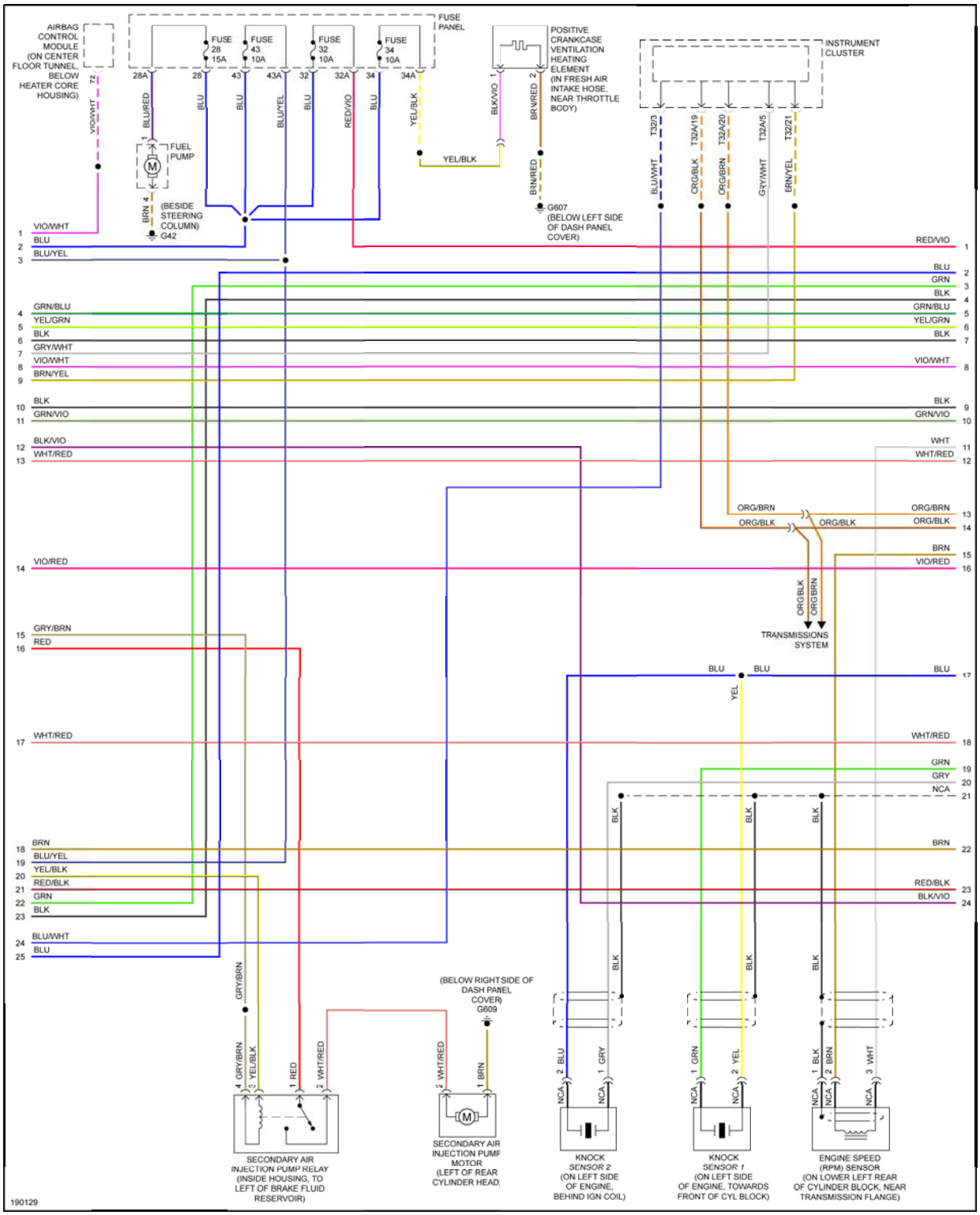
AIRBAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE HOUSING)
FUSE PANEL
FUSE 28 15A
FUSE 43 10A
FUSE 32 10A
FUSE 34 10A
28A
28
43
43A
32
32A
34
34A
POSITIVE CRANKCASE VENTILATION HEATING ELEMENT (IN FRESH AIR INTAKE HOSE, NEAR THROTTLE BODY)
INSTRUMENT CLUSTER
T32/3
T32A/19
T32A/20
T32A/5
T32/21
VIO/WHT
BLU/RED
BLU
BLU/YEL
RED/VIO
YEL/BLK
BLK/VIO
BRN/RED
BLU/WHT
ORG/BLK
ORG/BRN
GRY/WHT
BRN/YEL
FUEL PUMP
BRN
(BESIDE STEERING COLUMN)
G42
G607
(BELOW LEFT SIDE OF DASH PANEL COVER)
VIO/WHT
BLU
BLU/YEL
RED/VIO
BLU
GRN
BLK
GRN/BLU
YEL/GRN
BLK
GRY/WHT
VIO/WHT
BRN/YEL
BLK
GRN/VIO
BLK/VIO
WHT/RED
WHT
WHT/RED
ORG/BRN
ORG/BLK
ORG/BRN
ORG/BLK
ORG/BLK
BRN
VIO/RED
VIO/RED
ORG/BLK
ORG/BRN
TRANSMISSIONS SYSTEM
GRY/BRN
RED
BLU
BLU
BLU
YEL
WHT/RED
WHT/RED
GRN
GRY
NCA
BRN
BLU/YEL
YEL/BLK
RED/BLK
GRN
BLK
BRN
RED/BLK
BLK/VIO
BLU/WHT
BLU
BLK
BLK
BLK
(BELOW RIGHT SIDE OF DASH PANEL COVER)
G609
GRY/BRN
YEL/BLK
RED
WHT/RED
WHT/RED
BRN
BLU
GRY
GRN
YEL
BLK
BRN
WHT
SECONDARY AIR INJECTION PUMP RELAY (INSIDE HOUSING, TO LEFT OF BRAKE FLUID RESERVOIR)
SECONDARY AIR INJECTION PUMP MOTOR (LEFT OF REAR CYLINDER HEAD)
KNOCK SENSOR 2 (ON LEFT SIDE OF ENGINE, BEHIND IGN COIL)
KNOCK SENSOR 1 (ON LEFT SIDE OF ENGINE, TOWARDS FRONT OF CYL BLOCK)
ENGINE SPEED (RPM) SENSOR (ON LOWER LEFT REAR OF CYLINDER BLOCK, NEAR TRANSMISSION FLANGE)
190129

**Fig. 36: 2.0L, Engine Performance Circuit, Except Convertible (2 of 3)**

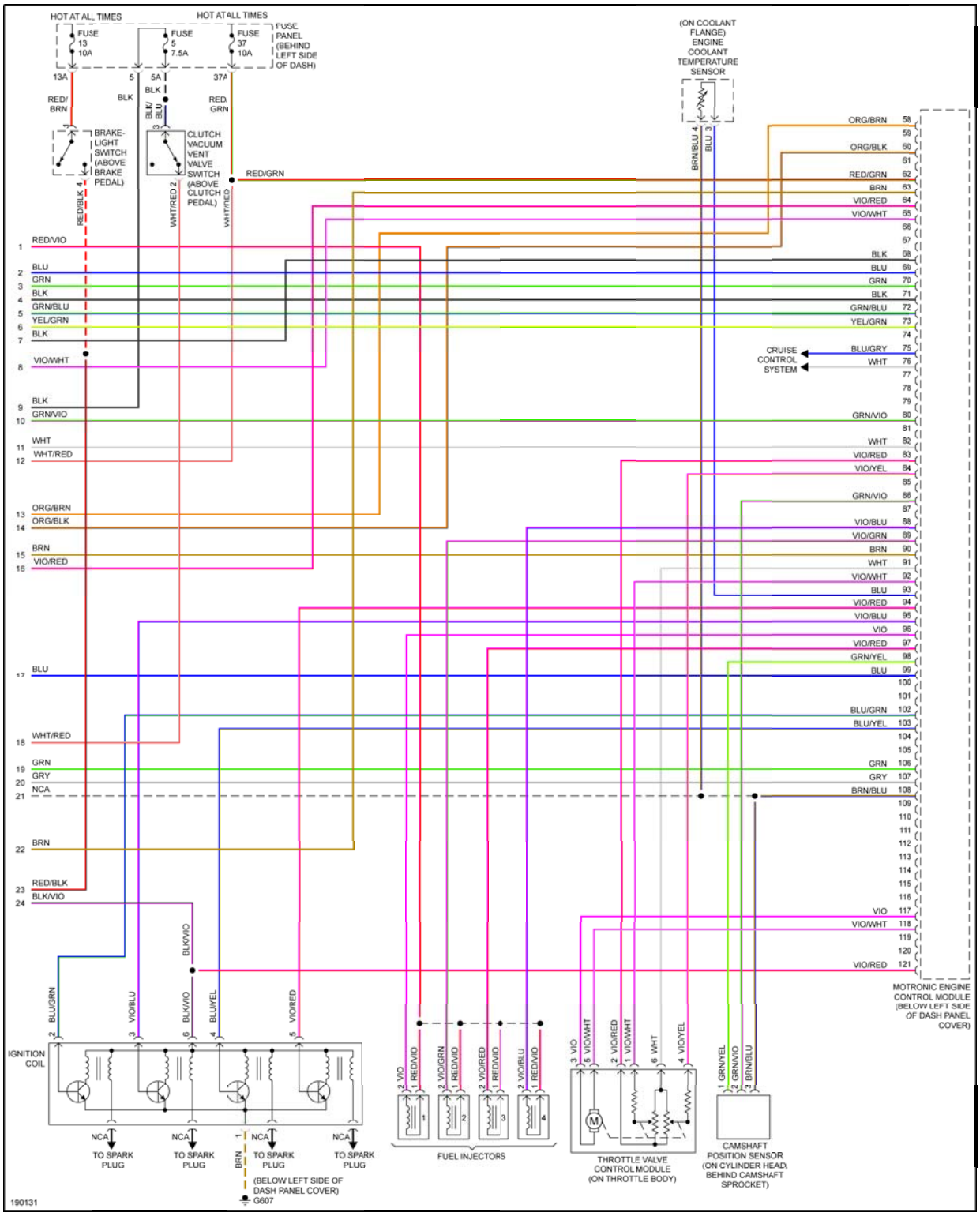
HOT AT ALL TIMES
HOT AT ALL TIMES
FUSE 13 10A
FUSE 5 7.5A
FUSE 37 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
13A
5A
37A
RED/ BRN
BLK
BLK/ BLU
RED/ GRN
BRAKE-LIGHT SWITCH (ABOVE BRAKE PEDAL)
CLUTCH VACUUM VENT VALVE SWITCH (ABOVE CLUTCH PEDAL)
RED/BLK
WHT/RED
WHT/RED
RED/GRN
(ON COOLANT FLANGE) ENGINE COOLANT TEMPERATURE SENSOR
BRN/BLU
BLU
RED/VIO
BLU
GRN
BLK
GRN/BLU
YEL/GRN
BLK
VIO/WHT
BLK
GRN/VIO
WHT
WHT/RED
ORG/BRN
ORG/BLK
BRN
VIO/RED
BLU
WHT/RED
GRN
GRY
NCA
BRN
RED/BLK
BLK/VIO
ORG/BRN
ORG/BLK
VIO/WHT
BLU/GRY
WHT
CRUISE CONTROL SYSTEM
GRN/VIO
WHT
VIO/RED
VIO/YEL
GRN/VIO
VIO/BLU
VIO/GRN
BRN
WHT
VIO/WHT
BLU
VIO/RED
VIO/BLU
VIO
VIO/RED
GRN/YEL
BLU
BLU/GRN
BLU/YEL
GRN
GRY
BRN/BLU
VIO
VIO/WHT
VIO/RED
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
BLU/GRN
VIO/BLU
BLK/VIO
BLU/YEL
VIO/RED
BLK/VIO
IGNITION COIL
NCA
TO SPARK PLUG
NCA
TO SPARK PLUG
NCA
TO SPARK PLUG
NCA
TO SPARK PLUG
BRN
(BELOW LEFT SIDE OF DASH PANEL COVER)
G607
VIO
RED/VIO
VIO/GRN
RED/VIO
VIO/RED
RED/VIO
VIO/BLU
RED/VIO
FUEL INJECTORS
VIO
VIO/WHT
VIO/RED
VIO/WHT
WHT
VIO/YEL
THROTTLE VALVE CONTROL MODULE (ON THROTTLE BODY)
GRN/YEL
GRN/VIO
BRN/BLU
CAMSHAFT POSITION SENSOR (ON CYLINDER HEAD, BEHIND CAMSHAFT SPROCKET)
190131

**Fig. 37: 2.0L, Engine Performance Circuit, Except Convertible (3 of 3)**

# EXTERIOR LIGHTS

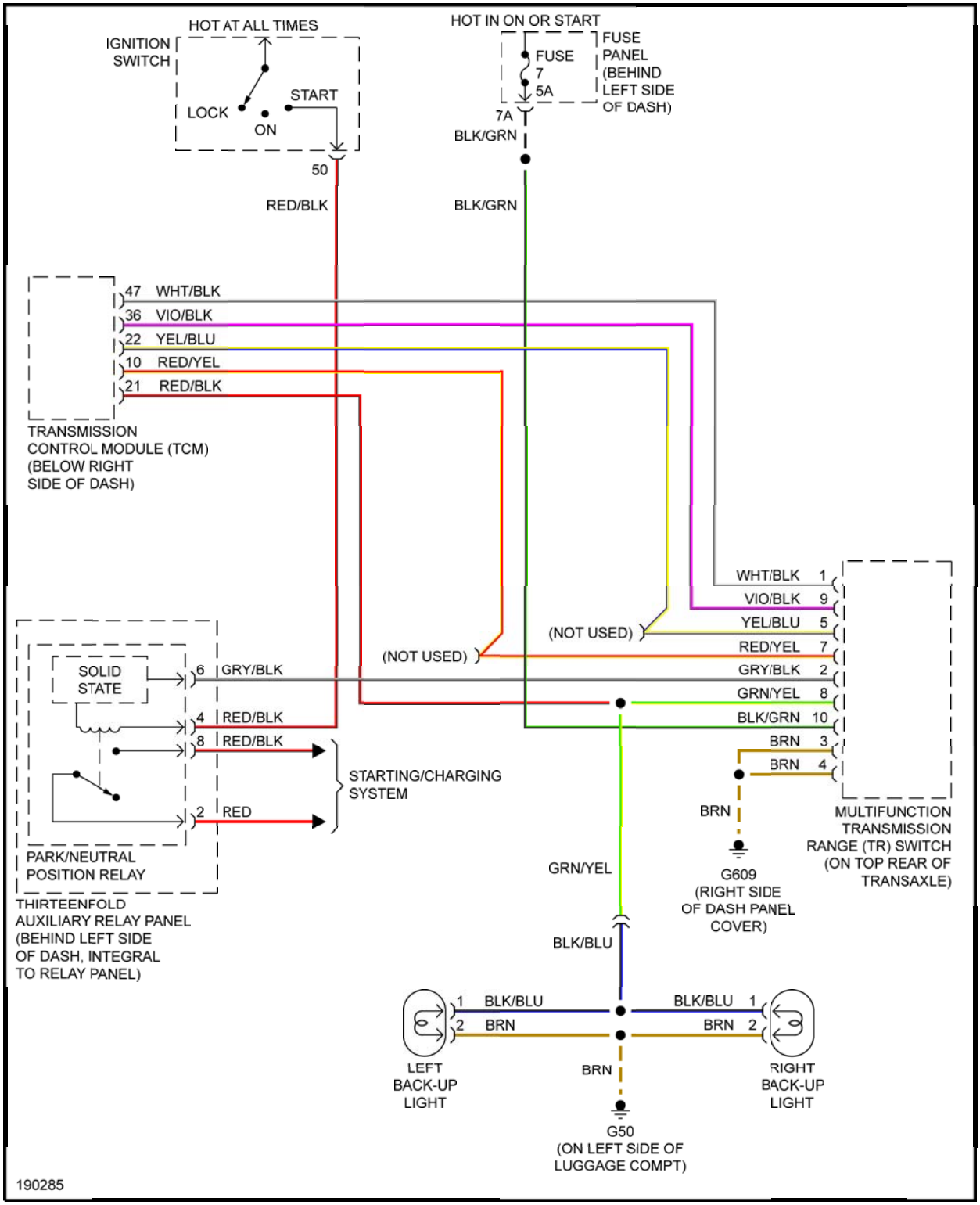
HOT AT ALL TIMES
IGNITION SWITCH
LOCK
ON
START
50
RED/BLK
HOT IN ON OR START
FUSE 7 5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
7A
BLK/GRN
BLK/GRN
47 WHT/BLK
36 VIO/BLK
22 YEL/BLU
10 RED/YEL
21 RED/BLK
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH)
WHT/BLK 1
VIO/BLK 9
YEL/BLU 5
RED/YEL 7
GRY/BLK 2
GRN/YEL 8
BLK/GRN 10
BRN 3
BRN 4
(NOT USED)
(NOT USED)
MULTIFUNCTION TRANSMISSION RANGE (TR) SWITCH (ON TOP REAR OF TRANSAXLE)
SOLID STATE
6 GRY/BLK
4 RED/BLK
8 RED/BLK
2 RED
STARTING/CHARGING SYSTEM
PARK/NEUTRAL POSITION RELAY
THIRTEENFOLD AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
BRN
G609 (RIGHT SIDE OF DASH PANEL COVER)
GRN/YEL
BLK/BLU
1 BLK/BLU
2 BRN
BLK/BLU 1
BRN 2
LEFT BACK-UP LIGHT
RIGHT BACK-UP LIGHT
BRN
G50 (ON LEFT SIDE OF LUGGAGE COMPT)
190285

**Fig. 38: Back-up Lamps Circuit, A/T Convertible**

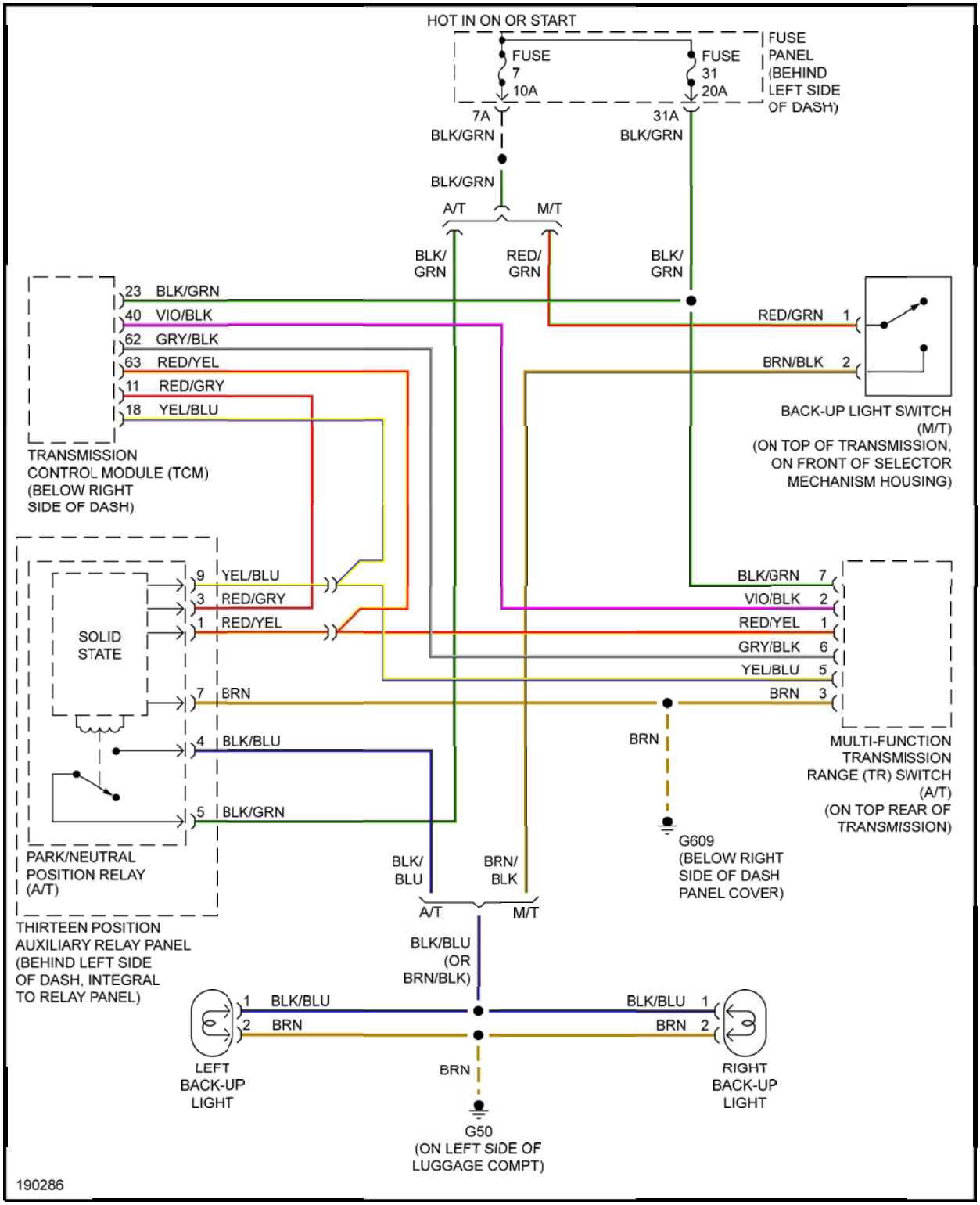
HOT IN ON OR START
FUSE 7 10A
FUSE 31 20A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
7A BLK/GRN
31A BLK/GRN
BLK/GRN
A/T
M/T
BLK/ GRN
RED/ GRN
BLK/ GRN
23 BLK/GRN
40 VIO/BLK
62 GRY/BLK
63 RED/YEL
11 RED/GRY
18 YEL/BLU
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH)
RED/GRN 1
BRN/BLK 2
BACK-UP LIGHT SWITCH (M/T) (ON TOP OF TRANSMISSION, ON FRONT OF SELECTOR MECHANISM HOUSING)
SOLID STATE
9 YEL/BLU
3 RED/GRY
1 RED/YEL
7 BRN
4 BLK/BLU
5 BLK/GRN
PARK/NEUTRAL POSITION RELAY (A/T)
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
BLK/GRN 7
VIO/BLK 2
RED/YEL 1
GRY/BLK 6
YEL/BLU 5
BRN 3
MULTI-FUNCTION TRANSMISSION RANGE (TR) SWITCH (A/T) (ON TOP REAR OF TRANSMISSION)
BRN
G609 (BELOW RIGHT SIDE OF DASH PANEL COVER)
BLK/ BLU
BRN/ BLK
A/T
M/T
BLK/BLU (OR BRN/BLK)
1 BLK/BLU
2 BRN
BLK/BLU 1
BRN 2
LEFT BACK-UP LIGHT
RIGHT BACK-UP LIGHT
BRN
G50 (ON LEFT SIDE OF LUGGAGE COMPT)
190286

**Fig. 39: Back-up Lamps Circuit, M/T, A/T Except Convertible**

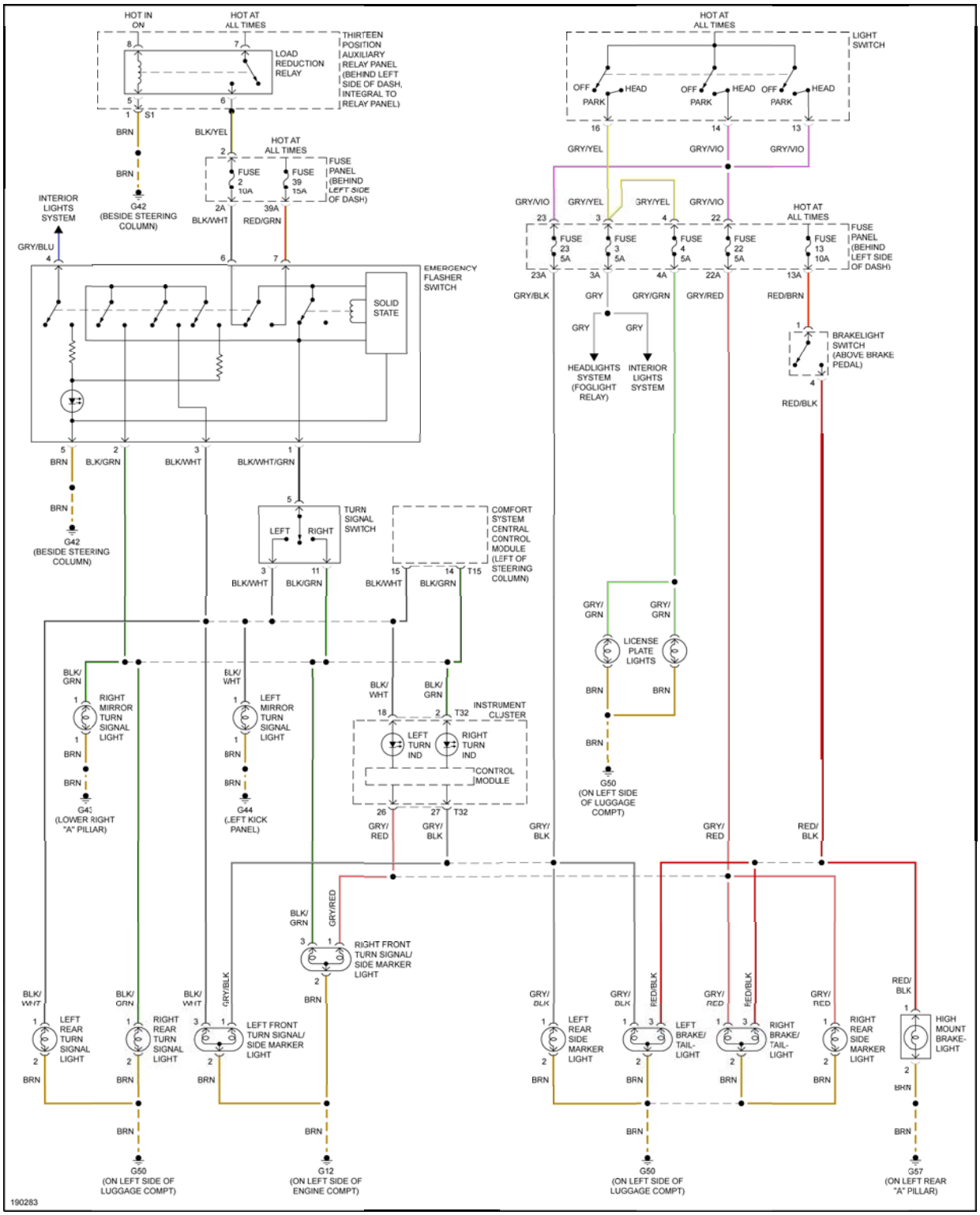
HOT IN ON
HOT AT ALL TIMES
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
LOAD REDUCTION RELAY
S1
BRN
BLK/YEL
HOT AT ALL TIMES
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 2 10A
FUSE 39 15A
G42 (BESIDE STEERING COLUMN)
2A
39A
BLK/WHT
RED/GRN
INTERIOR LIGHTS SYSTEM
GRY/BLU
EMERGENCY FLASHER SWITCH
SOLID STATE
BLK/GRN
BLK/WHT
BLK/WHT/GRN
TURN SIGNAL SWITCH
LEFT
RIGHT
COMFORT SYSTEM CENTRAL CONTROL MODULE (LEFT OF STEERING COLUMN)
T15
T32
INSTRUMENT CLUSTER
LEFT TURN IND
RIGHT TURN IND
CONTROL MODULE
RIGHT MIRROR TURN SIGNAL LIGHT
G43 (LOWER RIGHT "A" PILLAR)
LEFT MIRROR TURN SIGNAL LIGHT
G44 (LEFT KICK PANEL)
BLK/GRN
BLK/WHT
GRY/RED
GRY/BLK
RIGHT FRONT TURN SIGNAL/ SIDE MARKER LIGHT
LEFT REAR TURN SIGNAL LIGHT
RIGHT REAR TURN SIGNAL LIGHT
LEFT FRONT TURN SIGNAL/ SIDE MARKER LIGHT
G50 (ON LEFT SIDE OF LUGGAGE COMPT)
G12 (ON LEFT SIDE OF ENGINE COMPT)
HOT AT ALL TIMES
LIGHT SWITCH
OFF
PARK
HEAD
GRY/YEL
GRY/VIO
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 23 5A
FUSE 3 5A
FUSE 4 5A
FUSE 22 5A
FUSE 13 10A
23A
3A
4A
22A
13A
GRY/BLK
GRY
GRY/GRN
GRY/RED
RED/BRN
HEADLIGHTS SYSTEM (FOGLIGHT RELAY)
INTERIOR LIGHTS SYSTEM
BRAKELIGHT SWITCH (ABOVE BRAKE PEDAL)
RED/BLK
GRY/ GRN
LICENSE PLATE LIGHTS
G50 (ON LEFT SIDE OF LUGGAGE COMPT)
RED/ BLK
LEFT REAR SIDE MARKER LIGHT
LEFT BRAKE/ TAIL-LIGHT
RIGHT BRAKE/ TAIL-LIGHT
RIGHT REAR SIDE MARKER LIGHT
HIGH MOUNT BRAKE-LIGHT
G57 (ON LEFT REAR "A" PILLAR)
190283

**Fig. 40: Exterior Lamps Circuit**

## GROUND DISTRIBUTION

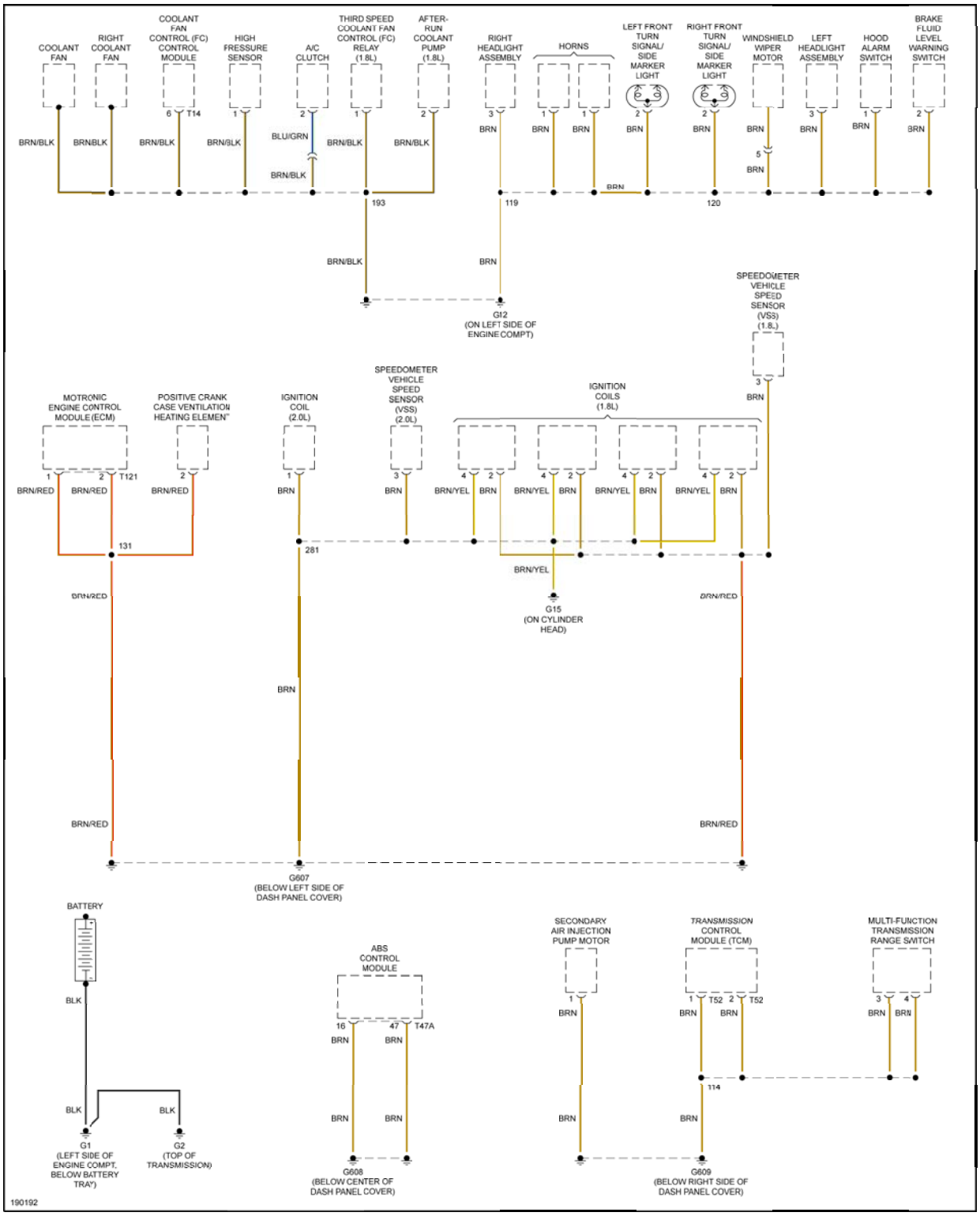
COOLANT FAN
RIGHT COOLANT FAN
COOLANT FAN CONTROL (FC) CONTROL MODULE
HIGH PRESSURE SENSOR
A/C CLUTCH
THIRD SPEED COOLANT FAN CONTROL (FC) RELAY (1.8L)
AFTER-RUN COOLANT PUMP (1.8L)
RIGHT HEADLIGHT ASSEMBLY
HORNS
LEFT FRONT TURN SIGNAL/ SIDE MARKER LIGHT
RIGHT FRONT TURN SIGNAL/ SIDE MARKER LIGHT
WINDSHIELD WIPER MOTOR
LEFT HEADLIGHT ASSEMBLY
HOOD ALARM SWITCH
BRAKE FLUID LEVEL WARNING SWITCH
BRN/BLK
BLU/GRN
BRN
193
119
120
G12
(ON LEFT SIDE OF ENGINE COMPT)
SPEEDOMETER VEHICLE SPEED SENSOR (VSS) (1.8L)
MOTRONIC ENGINE CONTROL MODULE (ECM)
POSITIVE CRANK CASE VENTILATION HEATING ELEMEN"
IGNITION COIL (2.0L)
SPEEDOMETER VEHICLE SPEED SENSOR (VSS) (2.0L)
IGNITION COILS (1.8L)
BRN/RED
BRN/YEL
131
281
G15
(ON CYLINDER HEAD)
BATTERY
BLK
G1
(LEFT SIDE OF ENGINE COMPT, BELOW BATTERY TRA")
G2
(TOP OF TRANSMISSION)
ABS CONTROL MODULE
G608
(BELOW CENTER OF DASH PANEL COVER)
SECONDARY AIR INJECTION PUMP MOTOR
TRANSMISSION CONTROL MODULE (TCM)
MULTI-FUNCTION TRANSMISSION RANGE SWITCH
114
G609
(BELOW RIGHT SIDE OF DASH PANEL COVER)
G607
(BELOW LEFT SIDE OF DASH PANEL COVER)
190192

**Fig. 41: Ground Distribution Circuit, Convertible (1 of 4)**

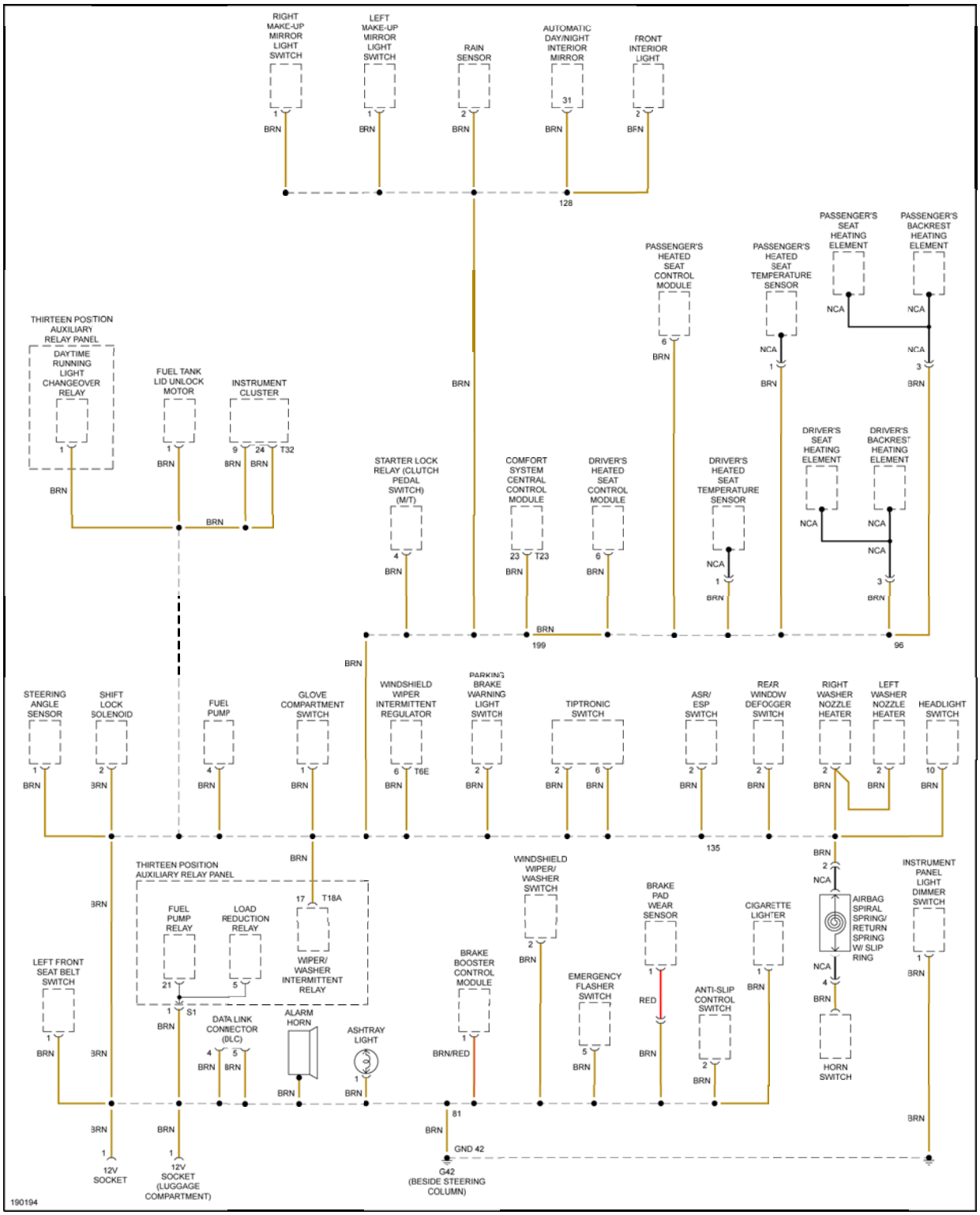
RIGHT MAKE-UP MIRROR LIGHT SWITCH
LEFT MAKE-UP MIRROR LIGHT SWITCH
RAIN SENSOR
AUTOMATIC DAY/NIGHT INTERIOR MIRROR
FRONT INTERIOR LIGHT
128
PASSENGER'S HEATED SEAT CONTROL MODULE
PASSENGER'S HEATED SEAT TEMPERATURE SENSOR
PASSENGER'S SEAT HEATING ELEMENT
PASSENGER'S BACKREST HEATING ELEMENT
THIRTEEN POSITION AUXILIARY RELAY PANEL
DAYTIME RUNNING LIGHT CHANGEOVER RELAY
FUEL TANK LID UNLOCK MOTOR
INSTRUMENT CLUSTER
STARTER LOCK RELAY (CLUTCH PEDAL SWITCH) (M/T)
COMFORT SYSTEM CENTRAL CONTROL MODULE
DRIVER'S HEATED SEAT CONTROL MODULE
DRIVER'S HEATED SEAT TEMPERATURE SENSOR
DRIVER'S SEAT HEATING ELEMENT
DRIVER'S BACKREST HEATING ELEMENT
199
96
STEERING ANGLE SENSOR
SHIFT LOCK SOLENOID
FUEL PUMP
GLOVE COMPARTMENT SWITCH
WINDSHIELD WIPER INTERMITTENT REGULATOR
PARKING BRAKE WARNING LIGHT SWITCH
TIPTRONIC SWITCH
ASR/ ESP SWITCH
REAR WINDOW DEFOGGER SWITCH
RIGHT WASHER NOZZLE HEATER
LEFT WASHER NOZZLE HEATER
HEADLIGHT SWITCH
135
THIRTEEN POSITION AUXILIARY RELAY PANEL
FUEL PUMP RELAY
LOAD REDUCTION RELAY
WIPER/ WASHER INTERMITTENT RELAY
WINDSHIELD WIPER/ WASHER SWITCH
BRAKE PAD WEAR SENSOR
CIGARETTE LIGHTER
AIRBAG SPIRAL SPRING/ RETURN SPRING W/ SLIP RING
INSTRUMENT PANEL LIGHT DIMMER SWITCH
HORN SWITCH
LEFT FRONT SEAT BELT SWITCH
DATA LINK CONNECTOR (DLC)
ALARM HORN
ASHTRAY LIGHT
BRAKE BOOSTER CONTROL MODULE
EMERGENCY FLASHER SWITCH
ANTI-SLIP CONTROL SWITCH
12V SOCKET
12V SOCKET (LUGGAGE COMPARTMENT)
G42 (BESIDE STEERING COLUMN)
GND 42
190194

**Fig. 42: Ground Distribution Circuit, Convertible (2 of 4)**

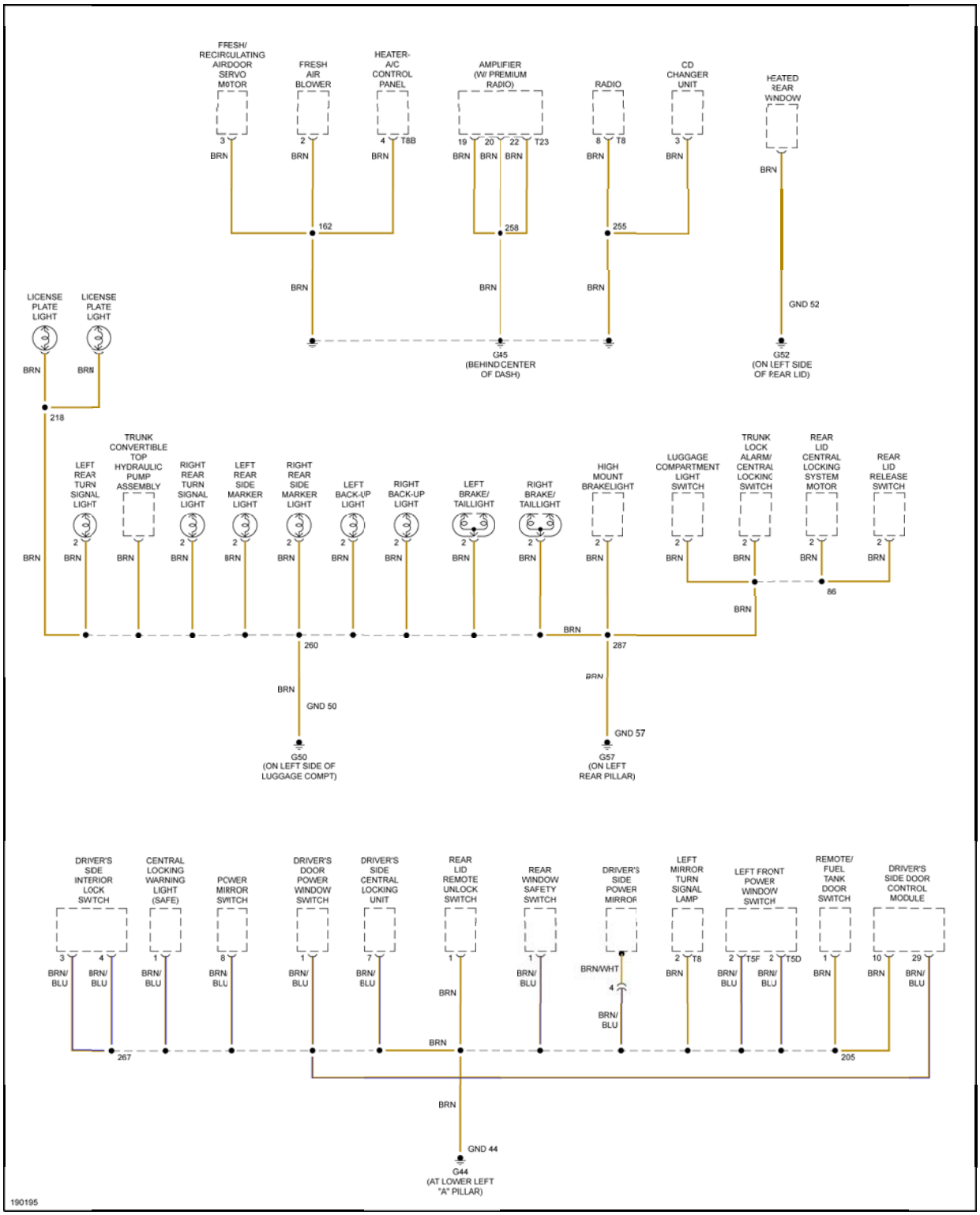
FRESH/ RECIRCULATING AIRDOOR SERVO MOTOR
FRESH AIR BLOWER
HEATER-A/C CONTROL PANEL
AMPLIFIER (W/ PREMIUM RADIO)
RADIO
CD CHANGER UNIT
HEATED REAR WINDOW
LICENSE PLATE LIGHT
LICENSE PLATE LIGHT
TRUNK CONVERTIBLE TOP HYDRAULIC PUMP ASSEMBLY
LEFT REAR TURN SIGNAL LIGHT
RIGHT REAR TURN SIGNAL LIGHT
LEFT REAR SIDE MARKER LIGHT
RIGHT REAR SIDE MARKER LIGHT
LEFT BACK-UP LIGHT
RIGHT BACK-UP LIGHT
LEFT BRAKE/ TAILLIGHT
RIGHT BRAKE/ TAILLIGHT
HIGH MOUNT BRAKELIGHT
LUGGAGE COMPARTMENT LIGHT SWITCH
TRUNK LOCK ALARM/ CENTRAL LOCKING SWITCH
REAR LID CENTRAL LOCKING SYSTEM MOTOR
REAR LID RELEASE SWITCH
DRIVER'S SIDE INTERIOR LOCK SWITCH
CENTRAL LOCKING WARNING LIGHT (SAFE)
POWER MIRROR SWITCH
DRIVER'S DOOR POWER WINDOW SWITCH
DRIVER'S SIDE CENTRAL LOCKING UNIT
REAR LID REMOTE UNLOCK SWITCH
REAR WINDOW SAFETY SWITCH
DRIVER'S SIDE POWER MIRROR
LEFT MIRROR TURN SIGNAL LAMP
LEFT FRONT POWER WINDOW SWITCH
REMOTE/ FUEL TANK DOOR SWITCH
DRIVER'S SIDE DOOR CONTROL MODULE
BRN
BRN/ BLU
BRN/WHT
162
218
258
255
260
287
267
205
86
GND 50
GND 52
GND 57
GND 44
G45 (BEHIND CENTER OF DASH)
G50 (ON LEFT SIDE OF LUGGAGE COMPT)
G52 (ON LEFT SIDE OF REAR LID)
G57 (ON LEFT REAR PILLAR)
G44 (AT LOWER LEFT "A" PILLAR)
190195

**Fig. 43: Ground Distribution Circuit, Convertible (3 of 4)**

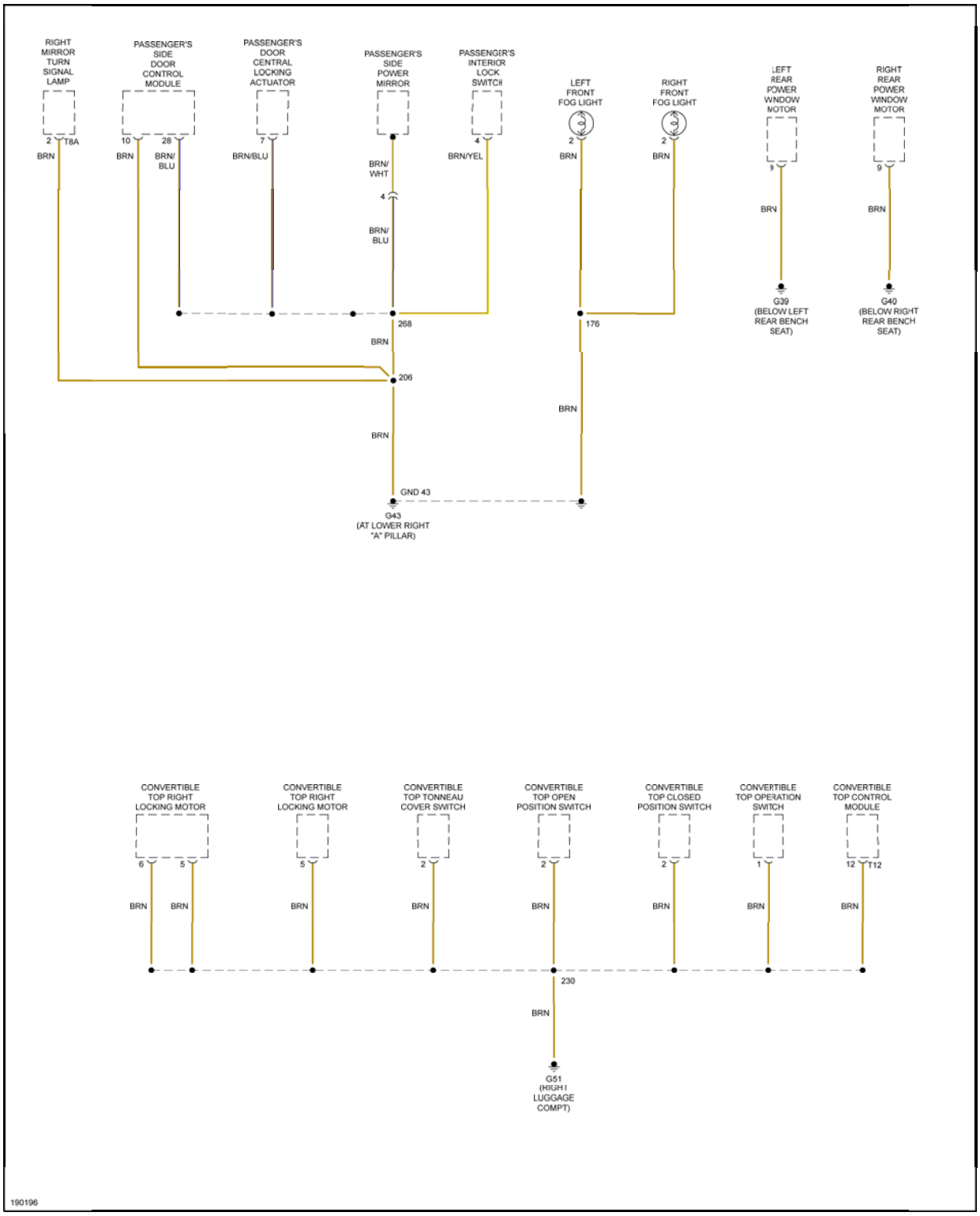
RIGHT MIRROR TURN SIGNAL LAMP
2
T8A
BRN
PASSENGER'S SIDE DOOR CONTROL MODULE
10
28
BRN
BRN/ BLU
PASSENGER'S DOOR CENTRAL LOCKING ACTUATOR
7
BRN/BLU
PASSENGER'S SIDE POWER MIRROR
BRN/ WHT
4
BRN/ BLU
PASSENGER'S INTERIOR LOCK SWITCH
4
BRN/YEL
LEFT FRONT FOG LIGHT
2
BRN
RIGHT FRONT FOG LIGHT
2
BRN
LEFT REAR POWER WINDOW MOTOR
9
BRN
G39
(BELOW LEFT REAR BENCH SEAT)
RIGHT REAR POWER WINDOW MOTOR
9
BRN
G40
(BELOW RIGHT REAR BENCH SEAT)
268
BRN
206
BRN
176
BRN
GND 43
G43
(AT LOWER RIGHT "A" PILLAR)
CONVERTIBLE TOP RIGHT LOCKING MOTOR
6
5
BRN
BRN
CONVERTIBLE TOP RIGHT LOCKING MOTOR
5
BRN
CONVERTIBLE TOP TONNEAU COVER SWITCH
2
BRN
CONVERTIBLE TOP OPEN POSITION SWITCH
2
BRN
CONVERTIBLE TOP CLOSED POSITION SWITCH
2
BRN
CONVERTIBLE TOP OPERATION SWITCH
1
BRN
CONVERTIBLE TOP CONTROL MODULE
12
T12
BRN
230
BRN
G51
(HIGH I LUGGAGE COMPT)
190196

**Fig. 44: Ground Distribution Circuit, Convertible (4 of 4)**

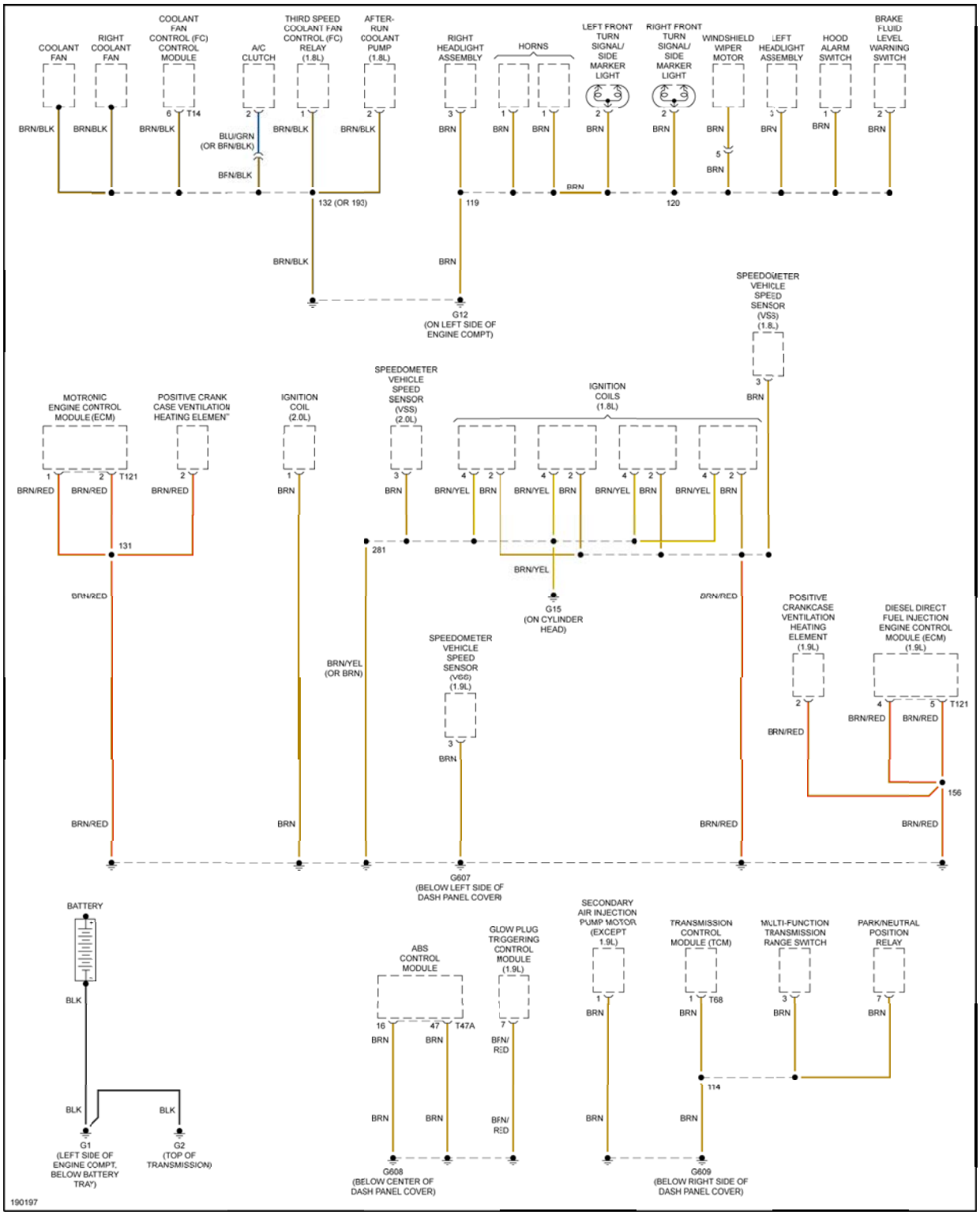
COOLANT FAN
RIGHT COOLANT FAN
COOLANT FAN CONTROL (FC) CONTROL MODULE
A/C CLUTCH
THIRD SPEED COOLANT FAN CONTROL (FC) RELAY (1.8L)
AFTER-RUN COOLANT PUMP (1.8L)
RIGHT HEADLIGHT ASSEMBLY
HORNS
LEFT FRONT TURN SIGNAL/ SIDE MARKER LIGHT
RIGHT FRONT TURN SIGNAL/ SIDE MARKER LIGHT
WINDSHIELD WIPER MOTOR
LEFT HEADLIGHT ASSEMBLY
HOOD ALARM SWITCH
BRAKE FLUID LEVEL WARNING SWITCH
BRN/BLK
BRN/BLK
BRN/BLK
BLU/GRN (OR BRN/BLK)
BRN/BLK
BRN/BLK
BRN/BLK
BRN
BRN
BRN
BRN
BRN
BRN
BRN
BRN
BRN
BRN
BRN
132 (OR 193)
119
120
G12 (ON LEFT SIDE OF ENGINE COMPT)
SPEEDOMETER VEHICLE SPEED SENSOR (VSS) (1.8L)
MOTRONIC ENGINE CONTROL MODULE (ECM)
POSITIVE CRANK CASE VENTILATION HEATING ELEMEN"
IGNITION COIL (2.0L)
SPEEDOMETER VEHICLE SPEED SENSOR (VSS) (2.0L)
IGNITION COILS (1.8L)
BRN/RED
BRN/RED
BRN/RED
BRN
BRN
BRN/YEL
BRN
BRN/YEL
BRN
BRN/YEL
BRN
BRN/YEL
BRN
131
281
BRN/YEL
G15 (ON CYLINDER HEAD)
BRN/RED
BRN/RED
BRN/YEL (OR BRN)
SPEEDOMETER VEHICLE SPEED SENSOR (VSS) (1.9L)
POSITIVE CRANKCASE VENTILATION HEATING ELEMENT (1.9L)
DIESEL DIRECT FUEL INJECTION ENGINE CONTROL MODULE (ECM) (1.9L)
BRN/RED
BRN/RED
BRN/RED
BRN/RED
BRN/RED
BRN/RED
BRN/RED
156
G607 (BELOW LEFT SIDE OF DASH PANEL COVER)
BATTERY
BLK
BLK
BLK
G1 (LEFT SIDE OF ENGINE COMPT, BELOW BATTERY TRA")
G2 (TOP OF TRANSMISSION)
ABS CONTROL MODULE
GLOW PLUG TRIGGERING CONTROL MODULE (1.9L)
SECONDARY AIR INJECTION PUMP MOTOR (EXCEPT 1.9L)
TRANSMISSION CONTROL MODULE (TCM)
MULTI-FUNCTION TRANSMISSION RANGE SWITCH
PARK/NEUTRAL POSITION RELAY
BRN
BRN
BRN/RED
BRN
BRN
BRN
BRN
BRN
BRN
BRN
BRN
BRN
BRN/RED
BRN/RED
114
G608 (BELOW CENTER OF DASH PANEL COVER)
G609 (BELOW RIGHT SIDE OF DASH PANEL COVER)
190197

**Fig. 45: Ground Distribution Circuit, Except Convertible (1 of 4)**

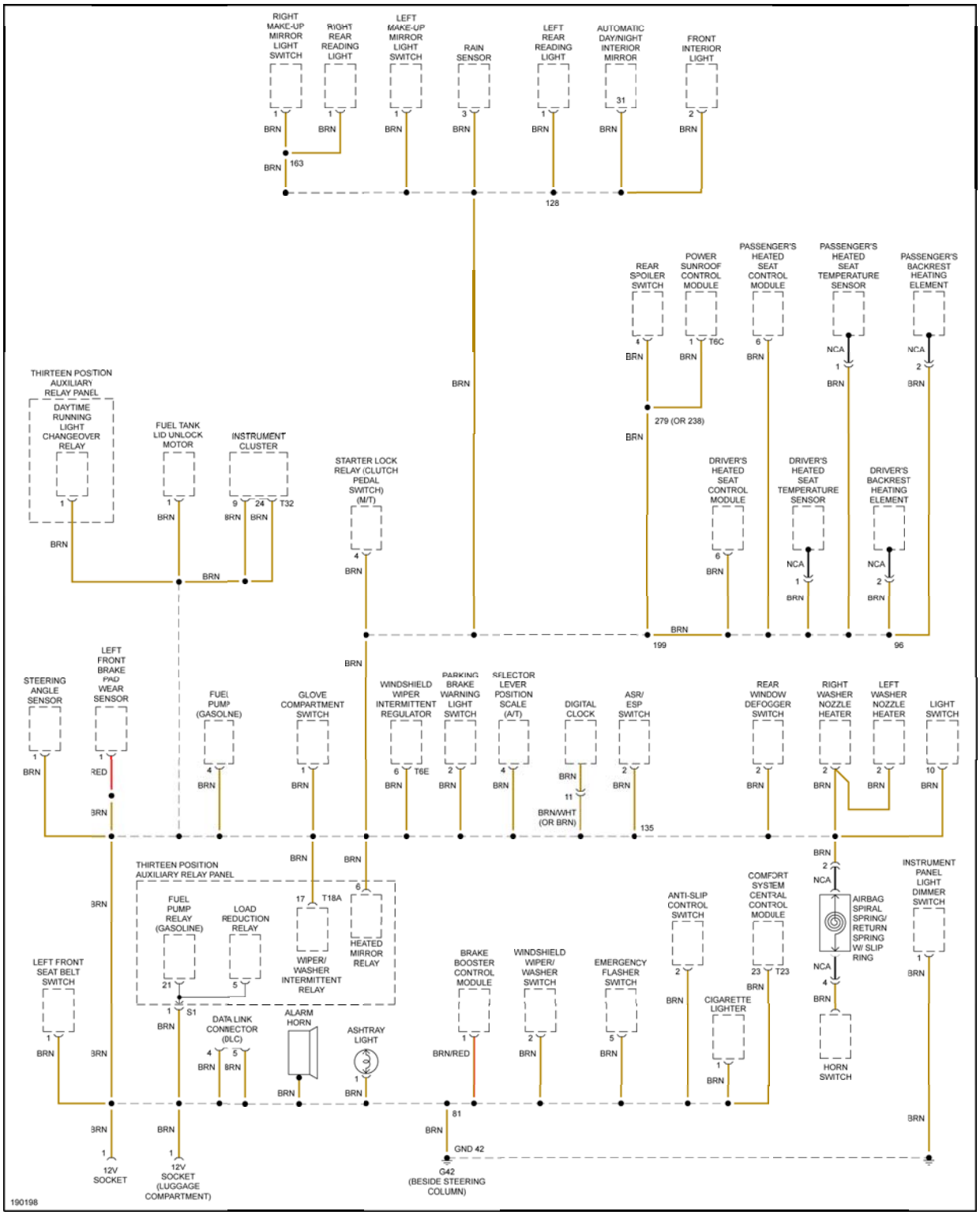
RIGHT MAKE-UP MIRROR LIGHT SWITCH
RIGHT REAR READING LIGHT
LEFT MAKE-UP MIRROR LIGHT SWITCH
RAIN SENSOR
LEFT REAR READING LIGHT
AUTOMATIC DAY/NIGHT INTERIOR MIRROR
FRONT INTERIOR LIGHT
163
128
REAR SPOILER SWITCH
POWER SUNROOF CONTROL MODULE
PASSENGER'S HEATED SEAT CONTROL MODULE
PASSENGER'S HEATED SEAT TEMPERATURE SENSOR
PASSENGER'S BACKREST HEATING ELEMENT
279 (OR 238)
THIRTEEN POSITION AUXILIARY RELAY PANEL
DAYTIME RUNNING LIGHT CHANGEOVER RELAY
FUEL TANK LID UNLOCK MOTOR
INSTRUMENT CLUSTER
STARTER LOCK RELAY (CLUTCH PEDAL SWITCH) (M/T)
DRIVER'S HEATED SEAT CONTROL MODULE
DRIVER'S HEATED SEAT TEMPERATURE SENSOR
DRIVER'S BACKREST HEATING ELEMENT
199
96
STEERING ANGLE SENSOR
LEFT FRONT BRAKE PAD WEAR SENSOR
FUEL PUMP (GASOLNE)
GLOVE COMPARTMENT SWITCH
WINDSHIELD WIPER INTERMITTENT REGULATOR
PARKING BRAKE WARNING LIGHT SWITCH
SELECTOR LEVER POSITION SCALE (A/T)
DIGITAL CLOCK
ASR/ ESP SWITCH
REAR WINDOW DEFOGGER SWITCH
RIGHT WASHER NOZZLE HEATER
LEFT WASHER NOZZLE HEATER
LIGHT SWITCH
BRN/WHT (OR BRN)
135
THIRTEEN POSITION AUXILIARY RELAY PANEL
FUEL PUMP RELAY (GASOLINE)
LOAD REDUCTION RELAY
WIPER/ WASHER INTERMITTENT RELAY
HEATED MIRROR RELAY
ANTI-SLIP CONTROL SWITCH
COMFORT SYSTEM CENTRAL CONTROL MODULE
AIRBAG SPIRAL SPRING/ RETURN SPRING W/ SLIP RING
INSTRUMENT PANEL LIGHT DIMMER SWITCH
LEFT FRONT SEAT BELT SWITCH
DATA LINK CONNECTOR (DLC)
ALARM HORN
ASHTRAY LIGHT
BRAKE BOOSTER CONTROL MODULE
WINDSHIELD WIPER/ WASHER SWITCH
EMERGENCY FLASHER SWITCH
CIGARETTE LIGHTER
HORN SWITCH
81
GND 42
G42 (BESIDE STEERING COLUMN)
12V SOCKET
12V SOCKET (LUGGAGE COMPARTMENT)
190198

**Fig. 46: Ground Distribution Circuit, Except Convertible (2 of 4)**

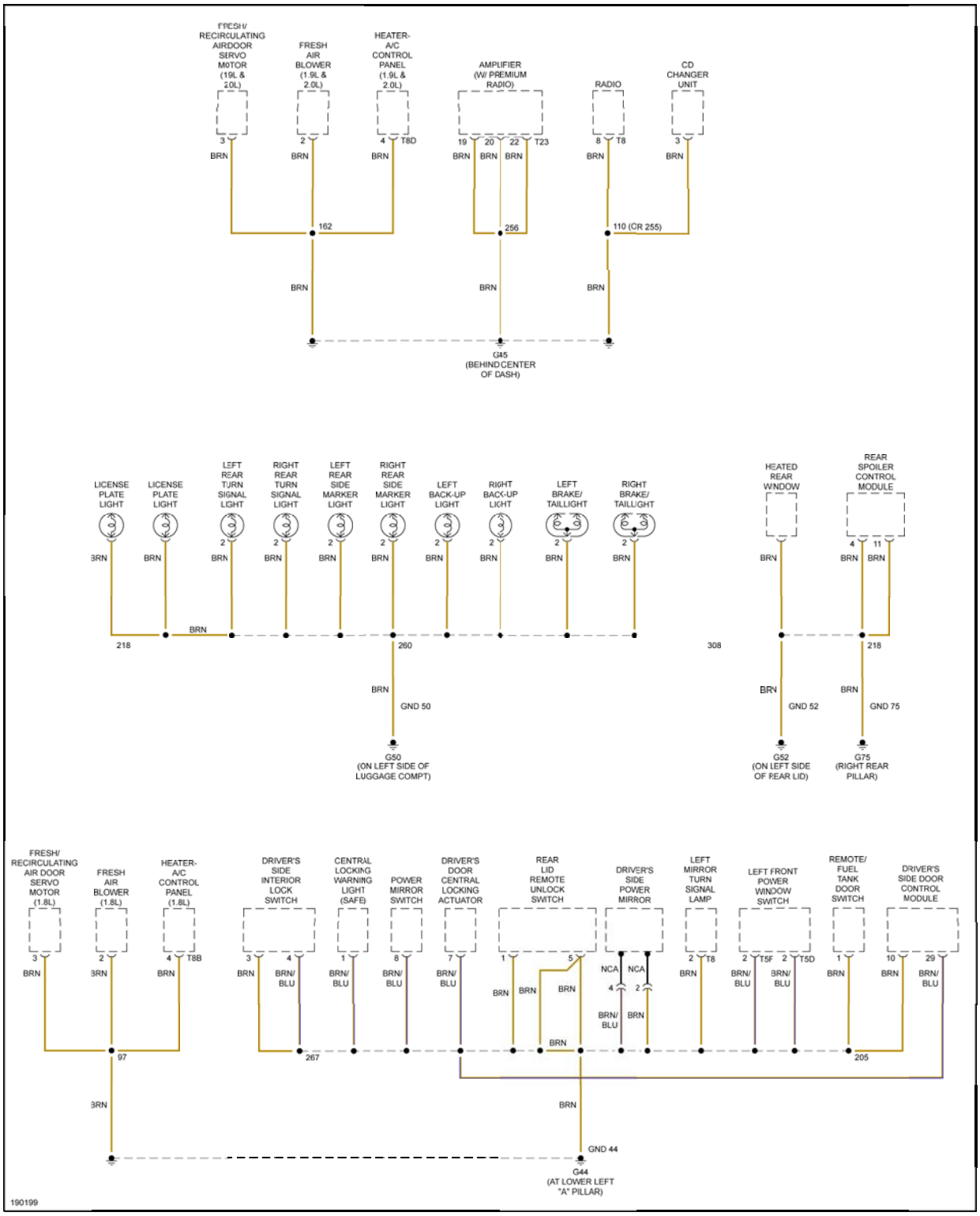
FRESH/ RECIRCULATING AIRDOOR SERVO MOTOR (19L & 20L)
FRESH AIR BLOWER (1.9L & 2.0L)
HEATER-A/C CONTROL PANEL (1.9L & 2.0L)
AMPLIFIER (W/ PREMIUM RADIO)
RADIO
CD CHANGER UNIT
3 BRN
2 BRN
4 T8D BRN
19 BRN 20 BRN 22 T23
8 T8 BRN
3 BRN
162
256
110 (CR 255)
BRN
BRN
BRN
G45 (BEHIND CENTER OF DASH)
LICENSE PLATE LIGHT
LICENSE PLATE LIGHT
LEFT REAR TURN SIGNAL LIGHT
RIGHT REAR TURN SIGNAL LIGHT
LEFT REAR SIDE MARKER LIGHT
RIGHT REAR SIDE MARKER LIGHT
LEFT BACK-UP LIGHT
RIGHT BACK-UP LIGHT
LEFT BRAKE/ TAILLIGHT
RIGHT BRAKE/ TAILLIGHT
BRN
218
260
GND 50
G50 (ON LEFT SIDE OF LUGGAGE COMPT)
HEATED REAR WINDOW
REAR SPOILER CONTROL MODULE
4 BRN 11 BRN
308
GND 52
GND 75
G52 (ON LEFT SIDE OF REAR LID)
G75 (RIGHT REAR PILLAR)
FRESH/ RECIRCULATING AIR DOOR SERVO MOTOR (1.8L)
FRESH AIR BLOWER (1.8L)
HEATER-A/C CONTROL PANEL (1.8L)
DRIVER'S SIDE INTERIOR LOCK SWITCH
CENTRAL LOCKING WARNING LIGHT (SAFE)
POWER MIRROR SWITCH
DRIVER'S DOOR CENTRAL LOCKING ACTUATOR
REAR LID REMOTE UNLOCK SWITCH
DRIVER'S SIDE POWER MIRROR
LEFT MIRROR TURN SIGNAL LAMP
LEFT FRONT POWER WINDOW SWITCH
REMOTE/ FUEL TANK DOOR SWITCH
DRIVER'S SIDE DOOR CONTROL MODULE
3 BRN
2 BRN
4 T8B BRN
3 BRN 4 BRN/ BLU
1 BRN/ BLU
8 BRN/ BLU
7 BRN/ BLU
1 BRN
5 BRN
NCA 4
NCA 2
BRN/ BLU
BRN
2 T8 BRN
2 T5F BRN/ BLU
2 T5D BRN/ BLU
1 BRN
10 BRN
29 BRN/ BLU
97
267
205
BRN
BRN
GND 44
G44 (AT LOWER LEFT "A" PILLAR)
190199

**Fig. 47: Ground Distribution Circuit, Except Convertible (3 of 4)**

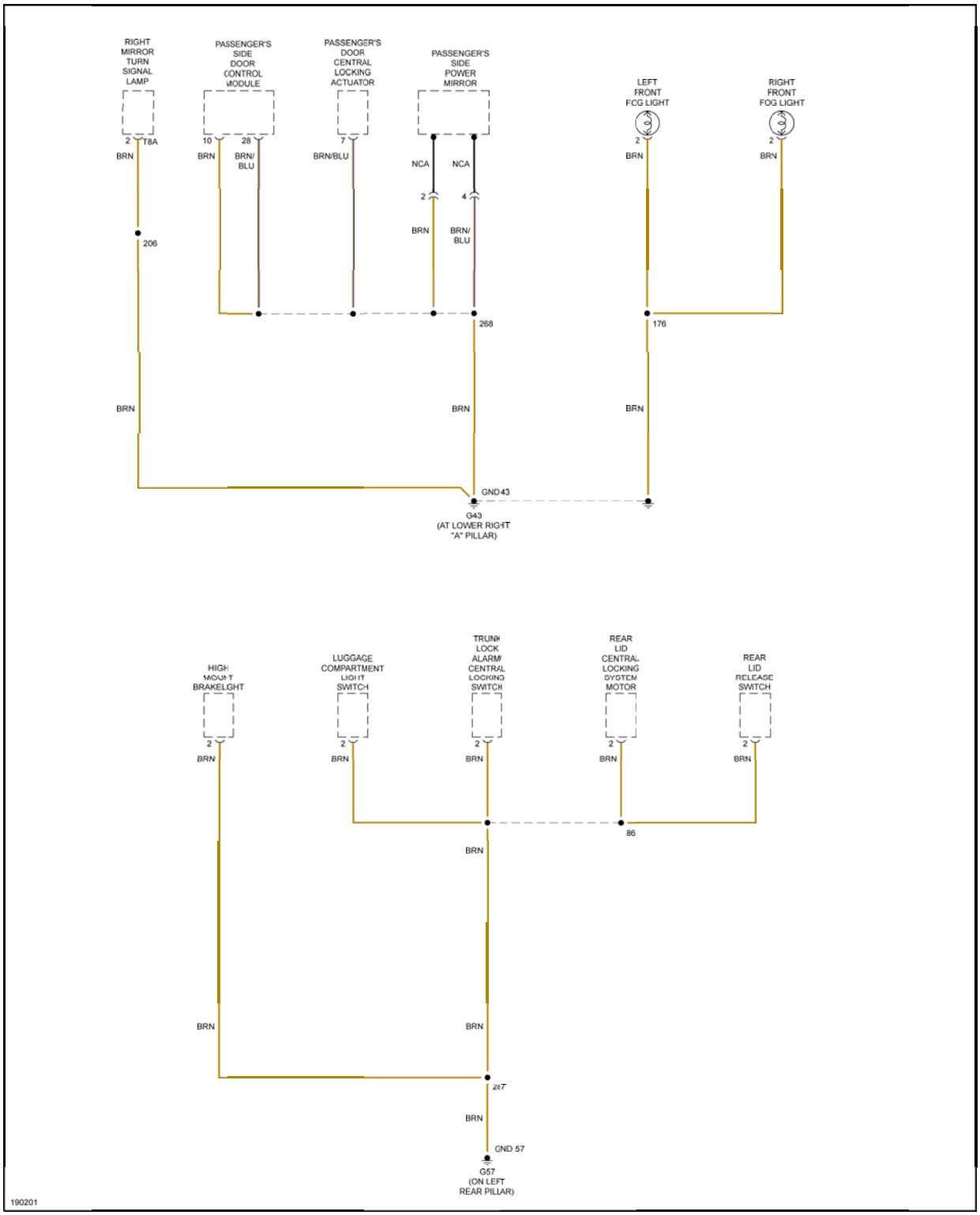
RIGHT MIRROR TURN SIGNAL LAMP
PASSENGER'S SIDE DOOR CONTROL MODULE
PASSENGER'S DOOR CENTRAL LOCKING ACTUATOR
PASSENGER'S SIDE POWER MIRROR
LEFT FRONT FOG LIGHT
RIGHT FRONT FOG LIGHT
2
T8A
10
28
7
NCA
NCA
2
4
BRN
BRN
BRN/BLU
BRN/BLU
206
268
176
BRN
BRN
BRN
GND 43
G43
(AT LOWER RIGHT "A" PILLAR)
HIGH MOUNT BRAKELIGHT
LUGGAGE COMPARTMENT LIGHT SWITCH
TRUNK LOCK ALARM/ CENTRAL LOCKING SWITCH
REAR LID CENTRAL LOCKING SYSTEM MOTOR
REAR LID RELEASE SWITCH
86
287
GND 57
G57
(ON LEFT REAR PILLAR)
190201

**Fig. 48: Ground Distribution Circuit, Except Convertible (4 of 4)**

## HEADLIGHTS

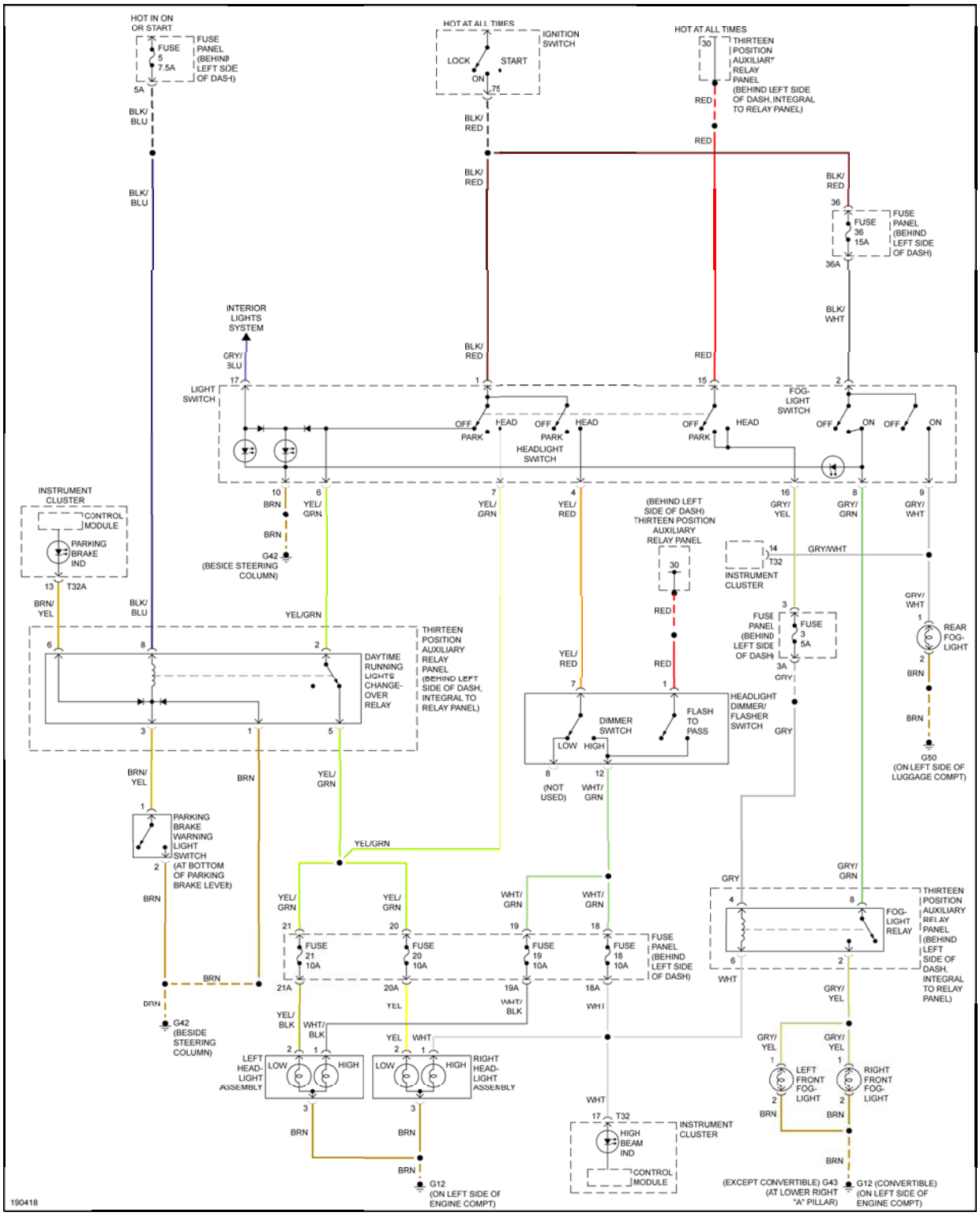
HOT IN ON OR START
FUSE 5 7.5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
5A
BLK/BLU
HOT AT ALL TIMES
IGNITION SWITCH
LOCK
START
ON
75
BLK/RED
HOT AT ALL TIMES
30
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
RED
36
FUSE 36 15A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
36A
BLK/WHT
INTERIOR LIGHTS SYSTEM
GRY/BLU
LIGHT SWITCH
17
1
15
2
OFF
PARK
HEAD
HEADLIGHT SWITCH
FOG-LIGHT SWITCH
ON
INSTRUMENT CLUSTER
CONTROL MODULE
PARKING BRAKE IND
13
T32A
BRN/YEL
10
BRN
6
YEL/GRN
G42
(BESIDE STEERING COLUMN)
7
YEL/GRN
4
YEL/RED
(BEHIND LEFT SIDE OF DASH) THIRTEEN POSITION AUXILIARY RELAY PANEL
16
GRY/YEL
8
GRY/GRN
9
GRY/WHT
14
T32
INSTRUMENT CLUSTER
GRY/WHT
3
FUSE 3 5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
3A
GRY
REAR FOG-LIGHT
G50
(ON LEFT SIDE OF LUGGAGE COMPT)
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
DAYTIME RUNNING LIGHTS CHANGE-OVER RELAY
DIMMER SWITCH
LOW
HIGH
FLASH TO PASS
HEADLIGHT DIMMER/ FLASHER SWITCH
8
(NOT USED)
12
WHT/GRN
PARKING BRAKE WARNING LIGHT SWITCH (AT BOTTOM OF PARKING BRAKE LEVER)
FUSE 21 10A
FUSE 20 10A
FUSE 19 10A
FUSE 18 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
21A
20A
19A
18A
YEL
WHT/BLK
WHT
YEL/BLK
LEFT HEAD-LIGHT ASSEMBLY
RIGHT HEAD-LIGHT ASSEMBLY
G42
(BESIDE STEERING COLUMN)
G12
(ON LEFT SIDE OF ENGINE COMPT)
FOG-LIGHT RELAY
GRY
WHT
LEFT FRONT FOG-LIGHT
RIGHT FRONT FOG-LIGHT
HIGH BEAM IND
(EXCEPT CONVERTIBLE) G43
(AT LOWER RIGHT "A" PILLAR)
G12 (CONVERTIBLE)
(ON LEFT SIDE OF ENGINE COMPT)
190418

**Fig. 49: Headlights Circuit**

## HORN

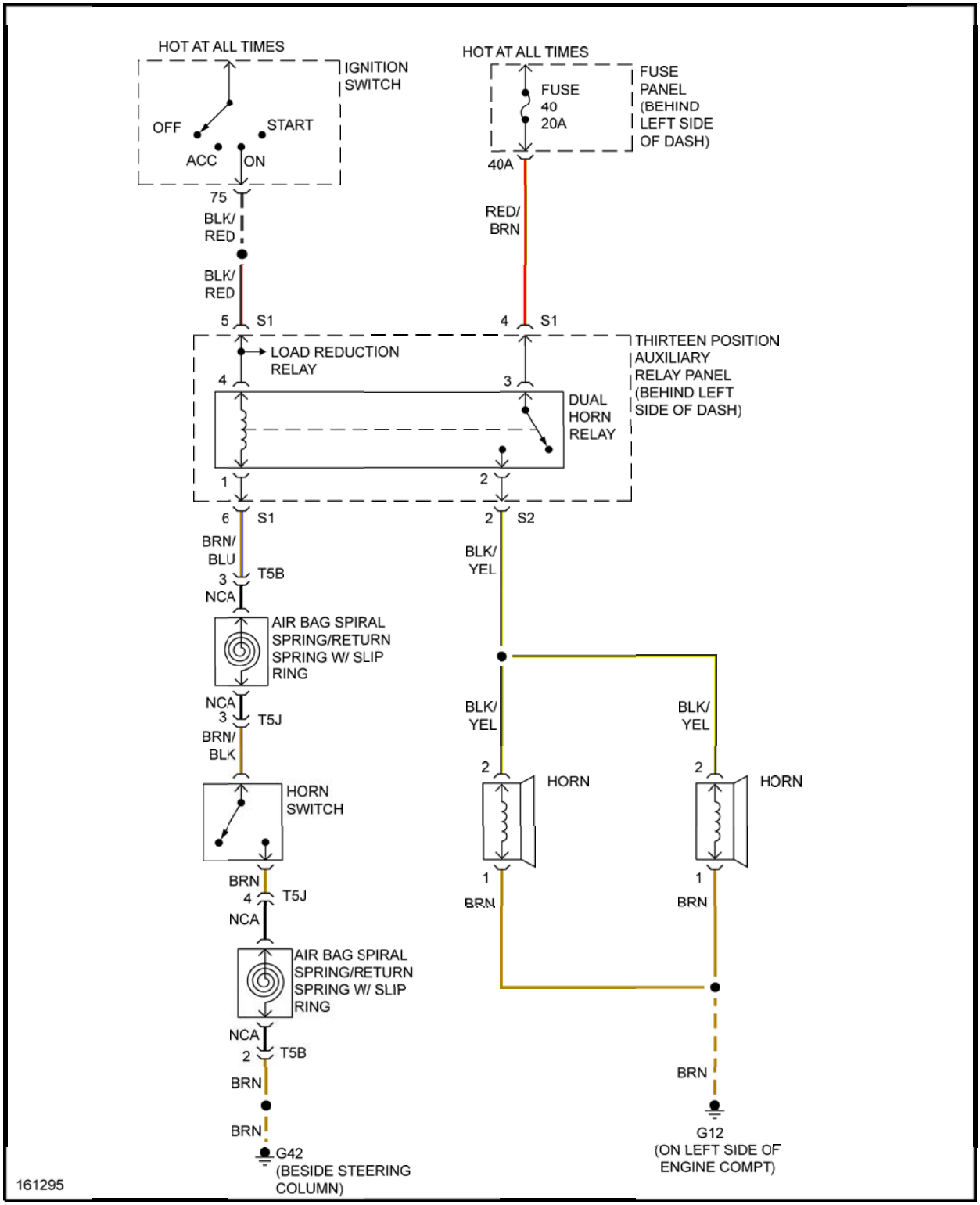
HOT AT ALL TIMES
IGNITION SWITCH
OFF
START
ACC
ON
75
BLK/ RED
BLK/ RED
5
S1
HOT AT ALL TIMES
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 40 20A
40A
RED/ BRN
4
S1
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
LOAD REDUCTION RELAY
4
3
DUAL HORN RELAY
1
2
6
S1
2
S2
BRN/ BLU
3
T5B
NCA
BLK/ YEL
AIR BAG SPIRAL SPRING/RETURN SPRING W/ SLIP RING
NCA
3
T5J
BRN/ BLK
BLK/ YEL
BLK/ YEL
2
HORN
2
HORN
HORN SWITCH
BRN
4
T5J
NCA
1
BRN
1
BRN
AIR BAG SPIRAL SPRING/RETURN SPRING W/ SLIP RING
NCA
2
T5B
BRN
BRN
BRN
G42
(BESIDE STEERING COLUMN)
G12
(ON LEFT SIDE OF ENGINE COMPT)
161295

**Fig. 50: Horn Circuit**

## INSTRUMENT CLUSTER

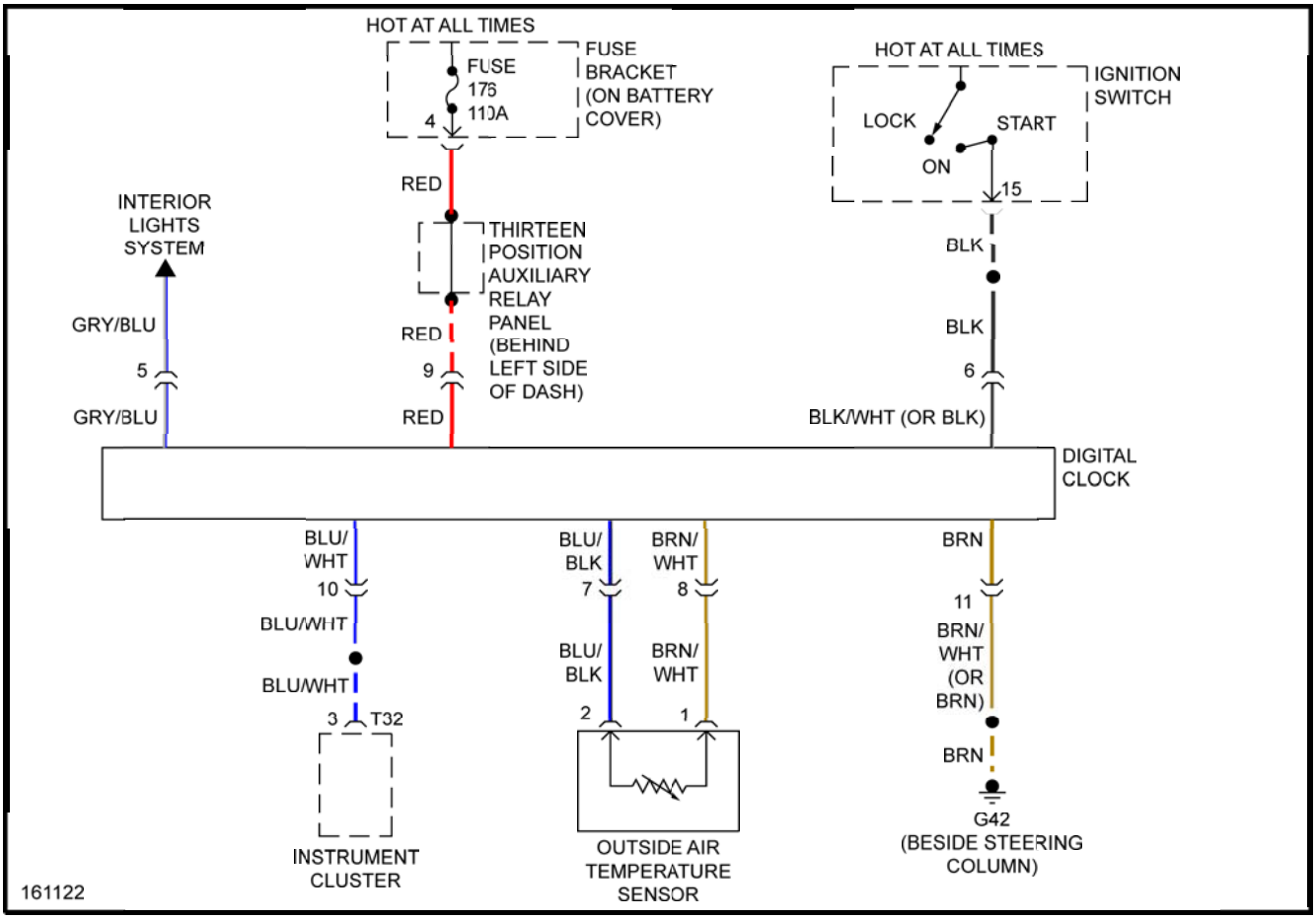
HOT AT ALL TIMES
FUSE BRACKET (ON BATTERY COVER)
FUSE 175 110A
4
RED
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
RED
9
RED
HOT AT ALL TIMES
IGNITION SWITCH
LOCK
START
ON
15
BLK
BLK
6
BLK/WHT (OR BLK)
INTERIOR LIGHTS SYSTEM
GRY/BLU
5
GRY/BLU
DIGITAL CLOCK
BLU/WHT
10
BLU/WHT
BLU/WHT
3
T32
INSTRUMENT CLUSTER
BLU/BLK
7
BLU/BLK
2
BRN/WHT
8
BRN/WHT
1
OUTSIDE AIR TEMPERATURE SENSOR
BRN
11
BRN/WHT (OR BRN)
BRN
G42
(BESIDE STEERING COLUMN)
161122

**Fig. 51: Digital Clock Circuit**

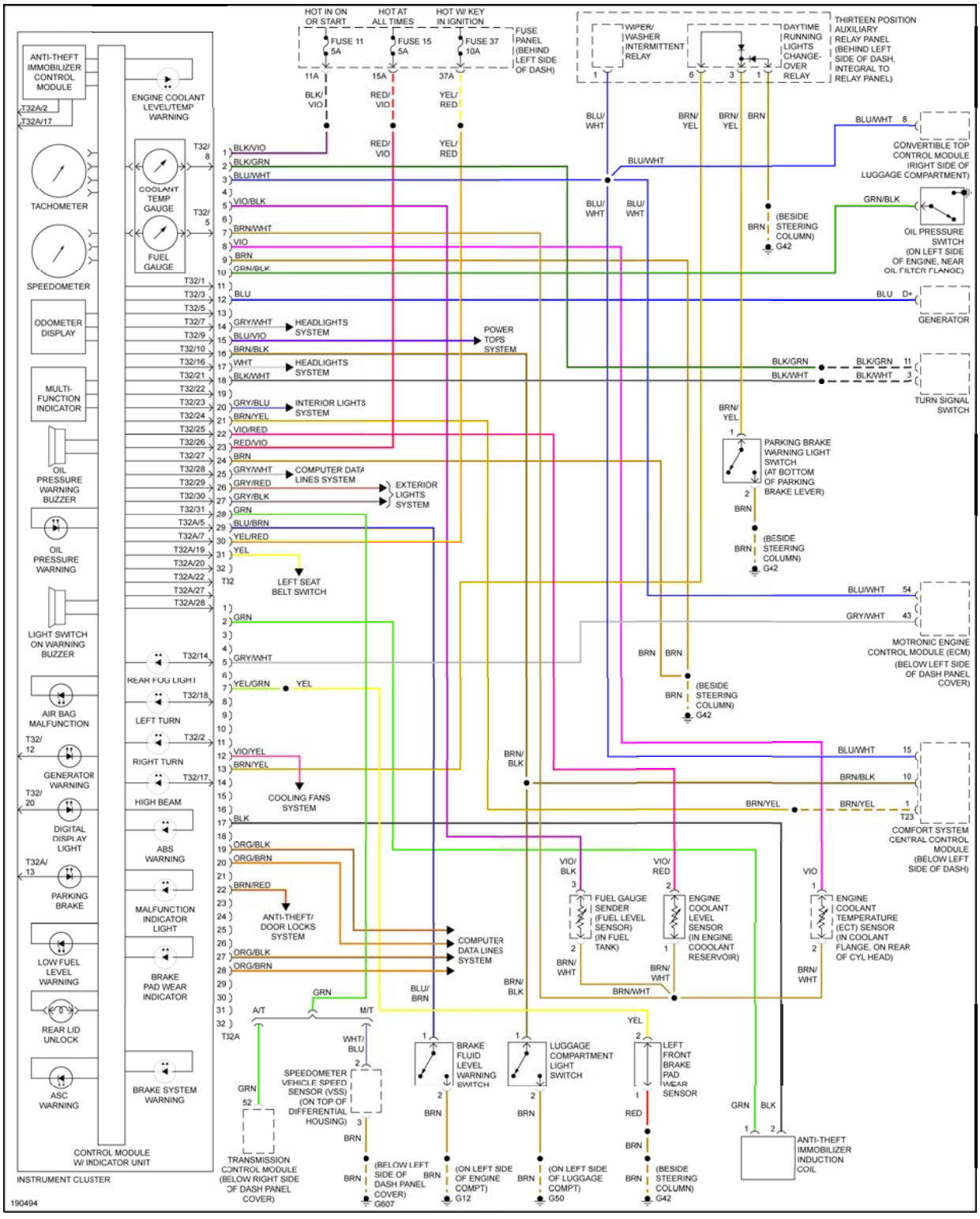
HOT IN ON OR START
HOT AT ALL TIMES
HOT W/ KEY IN IGNITION
FUSE 11 5A
FUSE 15 5A
FUSE 37 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
11A
15A
37A
BLK/VIO
RED/VIO
YEL/RED
WIPER/ WASHER INTERMITTENT RELAY
DAYTIME RUNNING LIGHTS CHANGE-OVER RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
ANTI-THEFT IMMOBILIZER CONTROL MODULE
T32A/2
T32A/17
ENGINE COOLANT LEVEL/TEMP WARNING
TACHOMETER
COOLANT TEMP GAUGE
FUEL GAUGE
T32/8
T32/5
SPEEDOMETER
ODOMETER DISPLAY
MULTI-FUNCTION INDICATOR
OIL PRESSURE WARNING BUZZER
OIL PRESSURE WARNING
LIGHT SWITCH ON WARNING BUZZER
AIR BAG MALFUNCTION
GENERATOR WARNING
DIGITAL DISPLAY LIGHT
PARKING BRAKE
LOW FUEL LEVEL WARNING
REAR LID UNLOCK
ASC WARNING
REAR FOG LIGHT
LEFT TURN
RIGHT TURN
HIGH BEAM
ABS WARNING
MALFUNCTION INDICATOR LIGHT
BRAKE PAD WEAR INDICATOR
BRAKE SYSTEM WARNING
CONTROL MODULE W/ INDICATOR UNIT
INSTRUMENT CLUSTER
BLK/VIO
BLK/GRN
BLU/WHT
VIO/BLK
BRN/WHT
VIO
BRN
GRN/BLK
BLU
GRY/WHT
BLU/VIO
BRN/BLK
WHT
BLK/WHT
GRY/BLU
BRN/YEL
VIO/RED
RED/VIO
GRY/RED
GRY/BLK
GRN
BLU/BRN
YEL/RED
YEL
YEL/GRN
VIO/YEL
BRN/YEL
ORG/BLK
ORG/BRN
BRN/RED
HEADLIGHTS SYSTEM
INTERIOR LIGHTS SYSTEM
COMPUTER DATA LINES SYSTEM
EXTERIOR LIGHTS SYSTEM
POWER TOPS SYSTEM
LEFT SEAT BELT SWITCH
COOLING FANS SYSTEM
ANTI-THEFT/ DOOR LOCKS SYSTEM
COMPUTER DATA LINES SYSTEM
CONVERTIBLE TOP CONTROL MODULE (RIGHT SIDE OF LUGGAGE COMPARTMENT)
(BESIDE STEERING COLUMN) G42
OIL PRESSURE SWITCH (ON LEFT SIDE OF ENGINE, NEAR OIL FILTER FLANGE)
GENERATOR
TURN SIGNAL SWITCH
PARKING BRAKE WARNING LIGHT SWITCH (AT BOTTOM OF PARKING BRAKE LEVER)
MOTRONIC ENGINE CONTROL MODULE (ECM) (BELOW LEFT SIDE OF DASH PANEL COVER)
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
FUEL GAUGE SENDER (FUEL LEVEL SENSOR) (IN FUEL TANK)
ENGINE COOLANT LEVEL SENSOR (IN ENGINE COOLANT RESERVOIR)
ENGINE COOLANT TEMPERATURE (ECT) SENSOR (IN COOLANT FLANGE, ON REAR OF CYL HEAD)
A/T
M/T
SPEEDOMETER VEHICLE SPEED SENSOR (VSS) (ON TOP OF DIFFERENTIAL HOUSING)
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH PANEL COVER)
BRAKE FLUID LEVEL WARNING SWITCH
LUGGAGE COMPARTMENT LIGHT SWITCH
LEFT FRONT BRAKE PAD WEAR SENSOR
ANTI-THEFT IMMOBILIZER INDUCTION COIL
(BELOW LEFT SIDE OF DASH PANEL COVER) G607
(ON LEFT SIDE OF ENGINE COMPT) G12
(ON LEFT SIDE OF LUGGAGE COMPT) G50
(BESIDE STEERING COLUMN) G42
190494

**Fig. 52: Gauges And Indicators Circuit, Convertible**

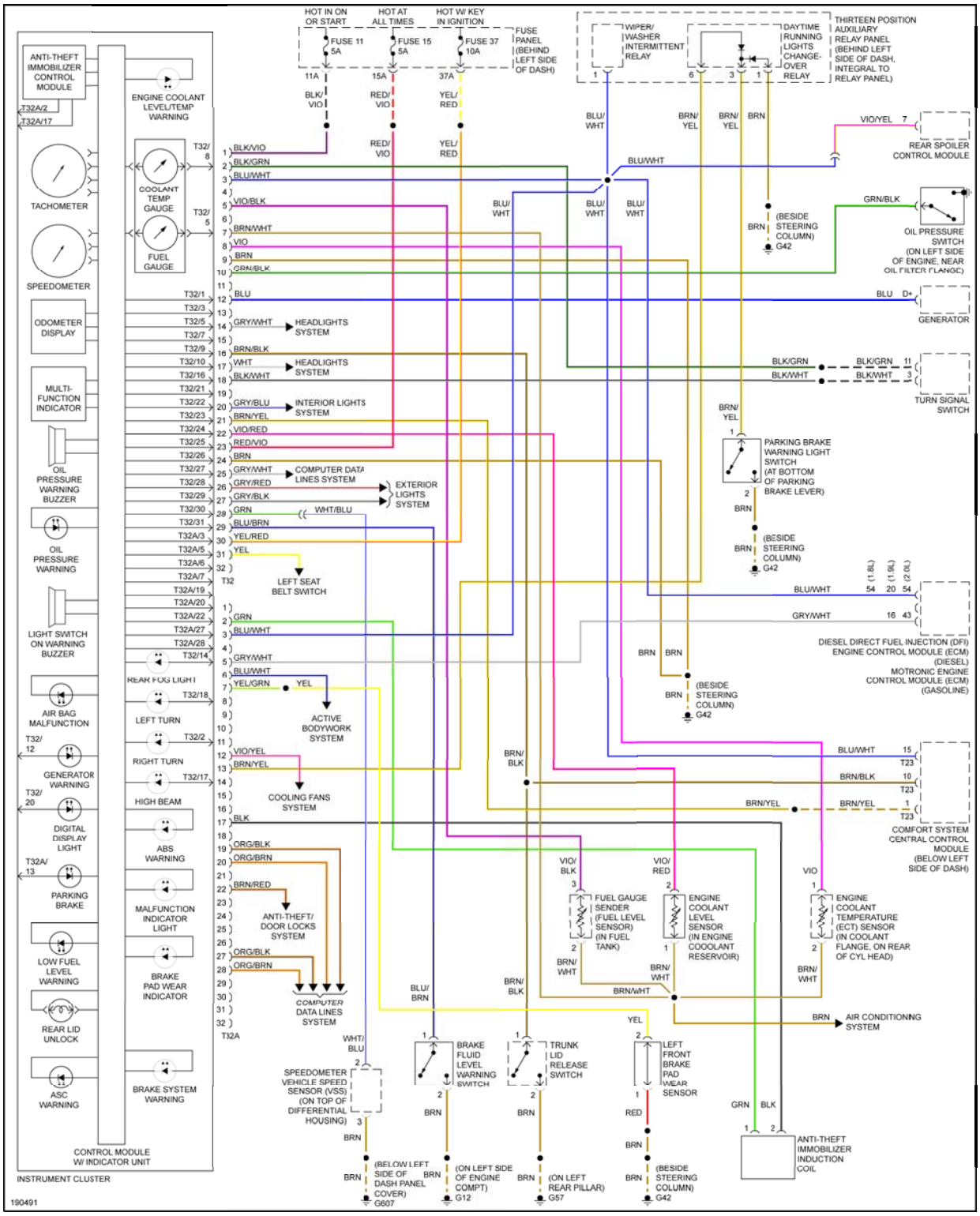
HOT IN ON OR START
HOT AT ALL TIMES
HOT W/ KEY IN IGNITION
FUSE 11 5A
FUSE 15 5A
FUSE 37 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
WIPER/ WASHER INTERMITTENT RELAY
DAYTIME RUNNING LIGHTS CHANGE-OVER RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
ANTI-THEFT IMMOBILIZER CONTROL MODULE
ENGINE COOLANT LEVEL/TEMP WARNING
TACHOMETER
COOLANT TEMP GAUGE
FUEL GAUGE
SPEEDOMETER
ODOMETER DISPLAY
MULTI-FUNCTION INDICATOR
OIL PRESSURE WARNING BUZZER
OIL PRESSURE WARNING
LIGHT SWITCH ON WARNING BUZZER
REAR FOG LIGHT
AIR BAG MALFUNCTION
LEFT TURN
GENERATOR WARNING
RIGHT TURN
DIGITAL DISPLAY LIGHT
HIGH BEAM
ABS WARNING
PARKING BRAKE
MALFUNCTION INDICATOR LIGHT
LOW FUEL LEVEL WARNING
BRAKE PAD WEAR INDICATOR
REAR LID UNLOCK
ASC WARNING
BRAKE SYSTEM WARNING
CONTROL MODULE W/ INDICATOR UNIT
INSTRUMENT CLUSTER
HEADLIGHTS SYSTEM
INTERIOR LIGHTS SYSTEM
COMPUTER DATA LINES SYSTEM
EXTERIOR LIGHTS SYSTEM
LEFT SEAT BELT SWITCH
ACTIVE BODYWORK SYSTEM
COOLING FANS SYSTEM
ANTI-THEFT/ DOOR LOCKS SYSTEM
COMPUTER DATA LINES SYSTEM
REAR SPOILER CONTROL MODULE
OIL PRESSURE SWITCH (ON LEFT SIDE OF ENGINE, NEAR OIL FILTER FLANGE)
GENERATOR
TURN SIGNAL SWITCH
PARKING BRAKE WARNING LIGHT SWITCH (AT BOTTOM OF PARKING BRAKE LEVER)
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (DIESEL)
MOTRONIC ENGINE CONTROL MODULE (ECM) (GASOLINE)
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
FUEL GAUGE SENDER (FUEL LEVEL SENSOR) (IN FUEL TANK)
ENGINE COOLANT LEVEL SENSOR (IN ENGINE COOLANT RESERVOIR)
ENGINE COOLANT TEMPERATURE (ECT) SENSOR (IN COOLANT FLANGE, ON REAR OF CYL HEAD)
AIR CONDITIONING SYSTEM
SPEEDOMETER VEHICLE SPEED SENSOR (VSS) (ON TOP OF DIFFERENTIAL HOUSING)
BRAKE FLUID LEVEL WARNING SWITCH
TRUNK LID RELEASE SWITCH
LEFT FRONT BRAKE PAD WEAR SENSOR
ANTI-THEFT IMMOBILIZER INDUCTION COIL
(BESIDE STEERING COLUMN) G42
(BELOW LEFT SIDE OF DASH PANEL COVER) G607
(ON LEFT SIDE OF ENGINE COMPT) G12
(ON LEFT REAR PILLAR) G57
190491

**Fig. 53: Gauges And Indicators Circuit, Except Convertible**

## INTERIOR LIGHTS

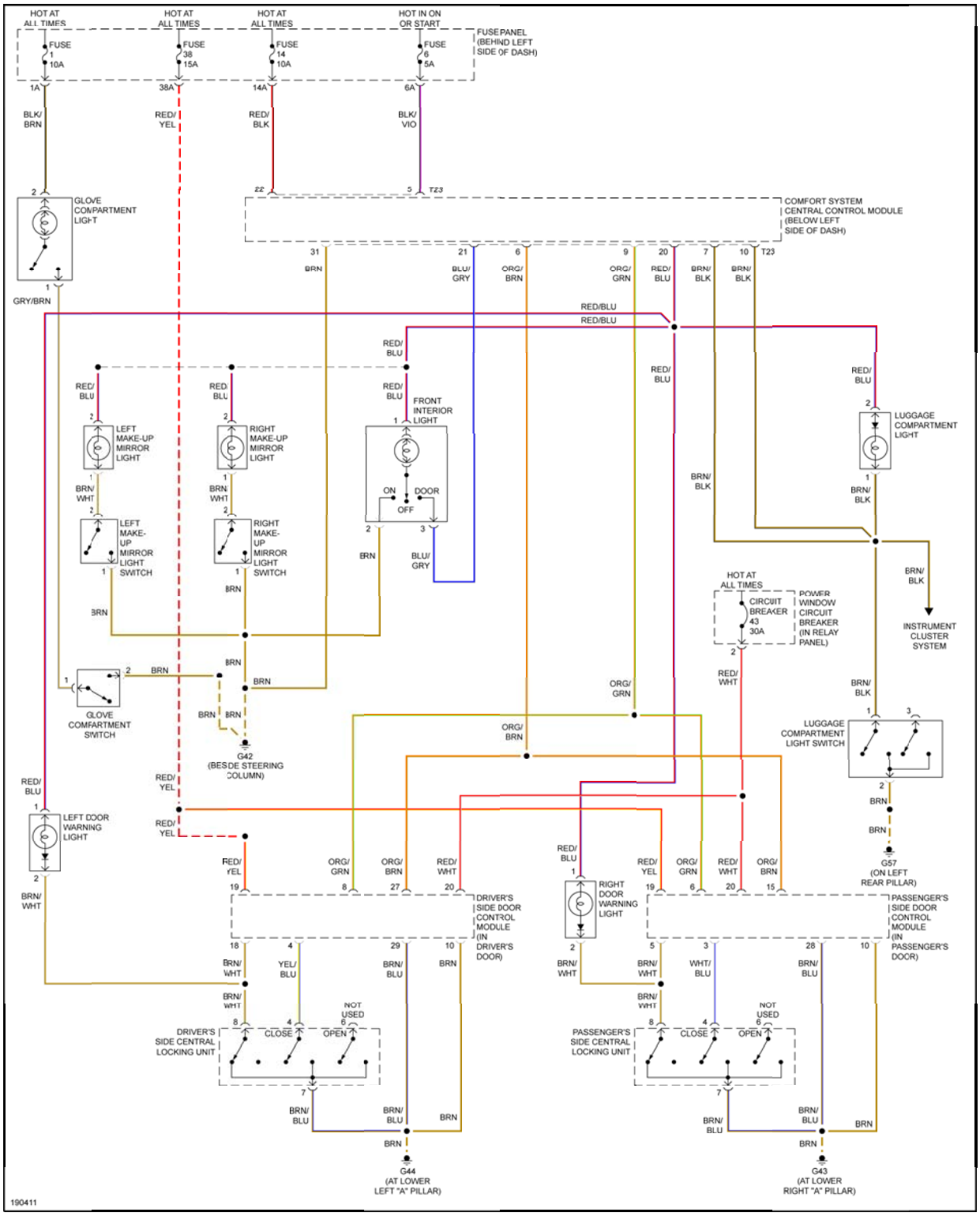
HOT AT ALL TIMES
HOT AT ALL TIMES
HOT AT ALL TIMES
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 1 10A
FUSE 38 15A
FUSE 14 10A
FUSE 6 5A
1A
38A
14A
6A
BLK/ BRN
RED/ YEL
RED/ BLK
BLK/ VIO
GLOVE COMPARTMENT LIGHT
GRY/BRN
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
T23
BRN
BLU/ GRY
ORG/ BRN
ORG/ GRN
RED/ BLU
BRN/ BLK
RED/BLU
LEFT MAKE-UP MIRROR LIGHT
RIGHT MAKE-UP MIRROR LIGHT
FRONT INTERIOR LIGHT
ON
DOOR
OFF
LUGGAGE COMPARTMENT LIGHT
BRN/ WHT
LEFT MAKE-UP MIRROR LIGHT SWITCH
RIGHT MAKE-UP MIRROR LIGHT SWITCH
HOT AT ALL TIMES
CIRCUIT BREAKER 43 30A
POWER WINDOW CIRCUIT BREAKER (IN RELAY PANEL)
INSTRUMENT CLUSTER SYSTEM
RED/ WHT
GLOVE COMPARTMENT SWITCH
G42 (BESIDE STEERING COLUMN)
LUGGAGE COMPARTMENT LIGHT SWITCH
G57 (ON LEFT REAR PILLAR)
LEFT DOOR WARNING LIGHT
RIGHT DOOR WARNING LIGHT
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR)
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGER'S DOOR)
YEL/ BLU
WHT/ BLU
NOT USED
CLOSE
OPEN
DRIVER'S SIDE CENTRAL LOCKING UNIT
PASSENGER'S SIDE CENTRAL LOCKING UNIT
G44 (AT LOWER LEFT "A" PILLAR)
G43 (AT LOWER RIGHT "A" PILLAR)
190411

**Fig. 54: Courtesy Lamps Circuit, Convertible**

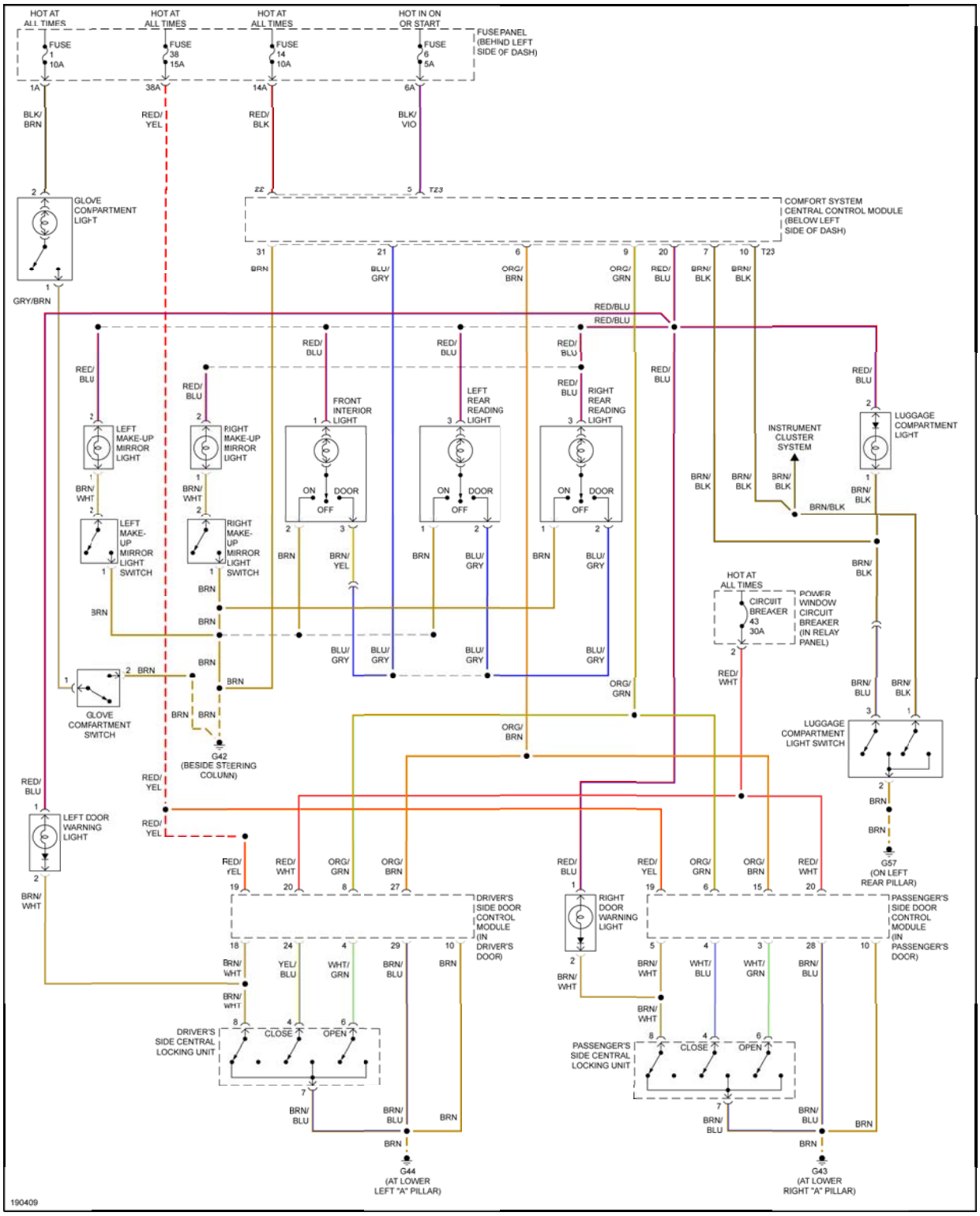
HOT AT ALL TIMES
HOT AT ALL TIMES
HOT AT ALL TIMES
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 1 10A
FUSE 38 15A
FUSE 14 10A
FUSE 6 5A
1A
38A
14A
6A
BLK/ BRN
RED/ YEL
RED/ BLK
BLK/ VIO
GLOVE COMPARTMENT LIGHT
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
GRY/BRN
RED/BLU
LEFT MAKE-UP MIRROR LIGHT
RIGHT MAKE-UP MIRROR LIGHT
FRONT INTERIOR LIGHT
LEFT REAR READING LIGHT
RIGHT REAR READING LIGHT
INSTRUMENT CLUSTER SYSTEM
LUGGAGE COMPARTMENT LIGHT
LEFT MAKE-UP MIRROR LIGHT SWITCH
RIGHT MAKE-UP MIRROR LIGHT SWITCH
ON
OFF
DOOR
HOT AT ALL TIMES
CIRCUIT BREAKER 43 30A
POWER WINDOW CIRCUIT BREAKER (IN RELAY PANEL)
LUGGAGE COMPARTMENT LIGHT SWITCH
GLOVE COMFARTMENT SWITCH
G42 (BESIDE STEERING COLUMN)
G57 (ON LEFT REAR PILLAR)
LEFT DOOR WARNING LIGHT
RIGHT DOOR WARNING LIGHT
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR)
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGER'S DOOR)
DRIVER'S SIDE CENTRAL LOCKING UNIT
PASSENGER'S SIDE CENTRAL LOCKING UNIT
CLOSE
OPEN
G44 (AT LOWER LEFT "A" PILLAR)
G43 (AT LOWER RIGHT "A" PILLAR)
190409

**Fig. 55: Courtesy Lamps Circuit, Except Convertible**

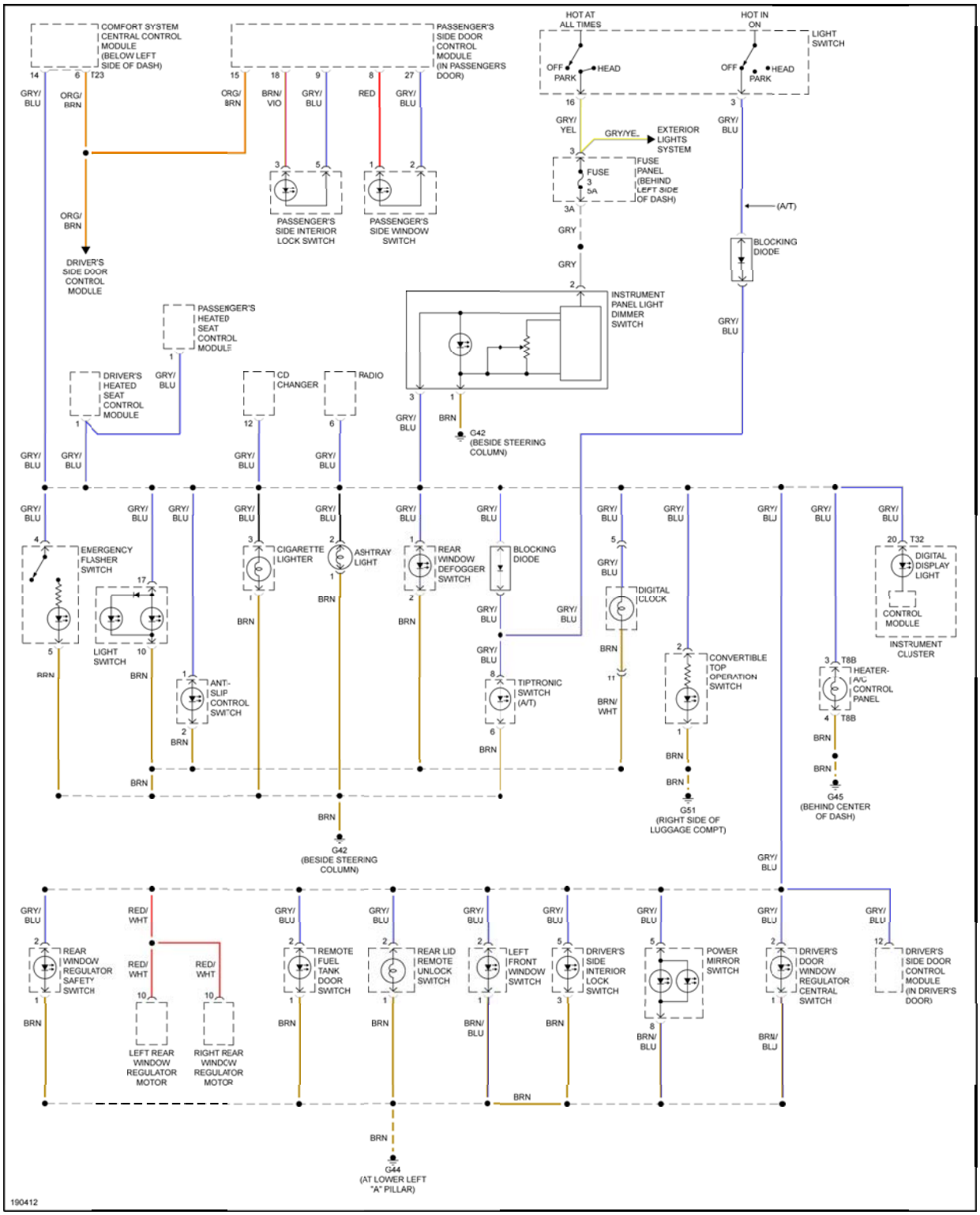
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGERS DOOR)
HOT AT ALL TIMES
HOT IN ON
LIGHT SWITCH
OFF
PARK
HEAD
DRIVER'S SIDE DOOR CONTROL MODULE
PASSENGER'S SIDE INTERIOR LOCK SWITCH
PASSENGER'S SIDE WINDOW SWITCH
EXTERIOR LIGHTS SYSTEM
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 3 5A
(A/T)
BLOCKING DIODE
INSTRUMENT PANEL LIGHT DIMMER SWITCH
PASSENGER'S HEATED SEAT CONTROL MODULE
DRIVER'S HEATED SEAT CONTROL MODULE
CD CHANGER
RADIO
G42 (BESIDE STEERING COLUMN)
EMERGENCY FLASHER SWITCH
LIGHT SWITCH
CIGARETTE LIGHTER
ASHTRAY LIGHT
REAR WINDOW DEFOGGER SWITCH
BLOCKING DIODE
DIGITAL CLOCK
ANTI-SLIP CONTROL SWITCH
TIPTRONIC SWITCH (A/T)
CONVERTIBLE TOP OPERATION SWITCH
DIGITAL DISPLAY LIGHT
CONTROL MODULE
INSTRUMENT CLUSTER
HEATER-A/C CONTROL PANEL
G51 (RIGHT SIDE OF LUGGAGE COMPT)
G45 (BEHIND CENTER OF DASH)
REAR WINDOW REGULATOR SAFETY SWITCH
LEFT REAR WINDOW REGULATOR MOTOR
RIGHT REAR WINDOW REGULATOR MOTOR
REMOTE FUEL TANK DOOR SWITCH
REAR LID REMOTE UNLOCK SWITCH
LEFT FRONT WINDOW SWITCH
DRIVER'S SIDE INTERIOR LOCK SWITCH
POWER MIRROR SWITCH
DRIVER'S DOOR WINDOW REGULATOR CENTRAL SWITCH
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR)
G44 (AT LOWER LEFT "A" PILLAR)
190412

**Fig. 56: Instrument Illumination Circuit, Convertible**

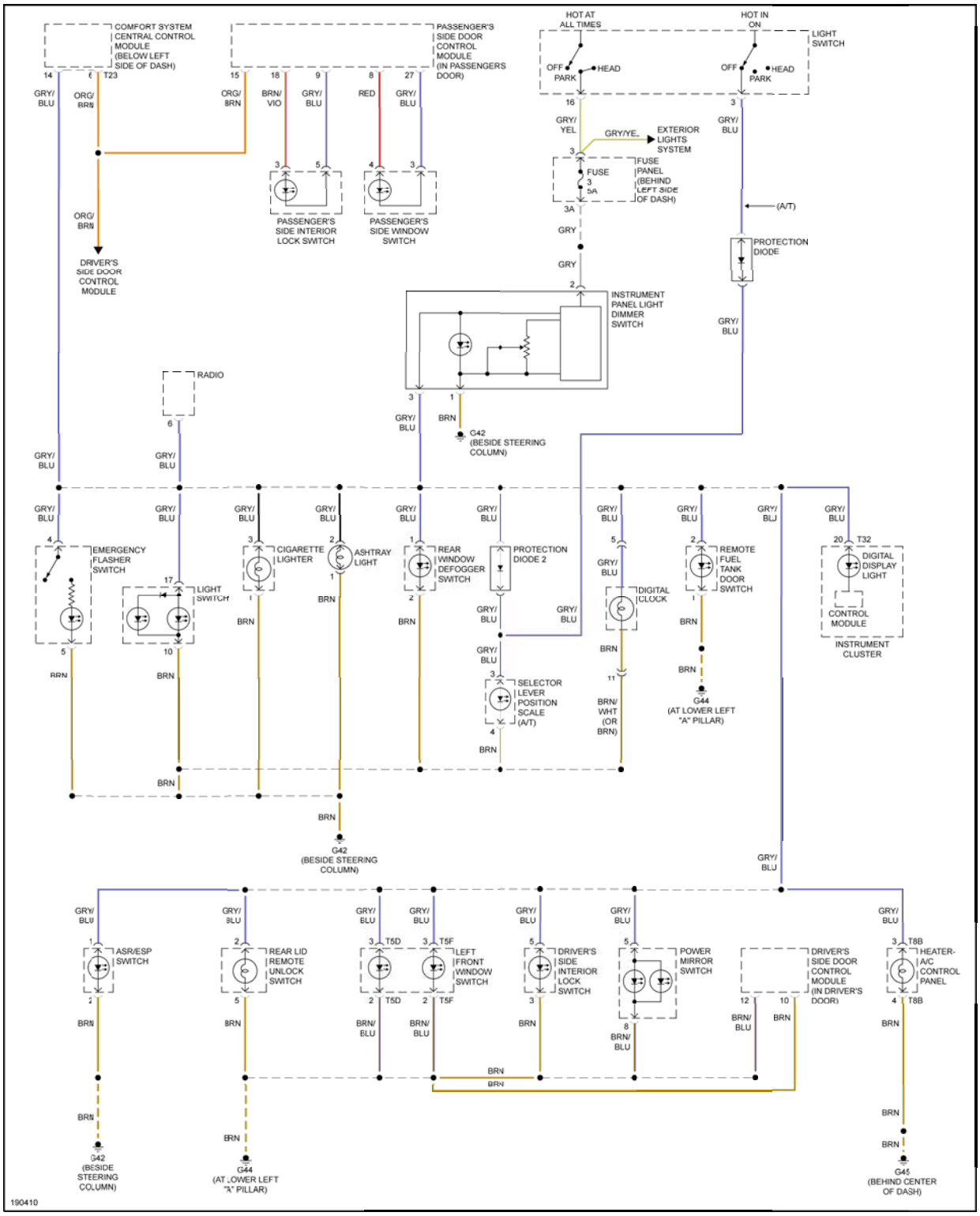
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGERS DOOR)
HOT AT ALL TIMES
HOT IN ON
LIGHT SWITCH
OFF
PARK
HEAD
EXTERIOR LIGHTS SYSTEM
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 3 5A
(A/T)
PROTECTION DIODE
INSTRUMENT PANEL LIGHT DIMMER SWITCH
DRIVER'S SIDE DOOR CONTROL MODULE
PASSENGER'S SIDE INTERIOR LOCK SWITCH
PASSENGER'S SIDE WINDOW SWITCH
RADIO
G42 (BESIDE STEERING COLUMN)
EMERGENCY FLASHER SWITCH
LIGHT SWITCH
CIGARETTE LIGHTER
ASHTRAY LIGHT
REAR WINDOW DEFOGGER SWITCH
PROTECTION DIODE 2
DIGITAL CLOCK
REMOTE FUEL TANK DOOR SWITCH
DIGITAL DISPLAY LIGHT
CONTROL MODULE
INSTRUMENT CLUSTER
SELECTOR LEVER POSITION SCALE (A/T)
G44 (AT LOWER LEFT "A" PILLAR)
ASR/ESP SWITCH
REAR LID REMOTE UNLOCK SWITCH
LEFT FRONT WINDOW SWITCH
DRIVER'S SIDE INTERIOR LOCK SWITCH
POWER MIRROR SWITCH
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR)
HEATER-A/C CONTROL PANEL
G45 (BEHIND CENTER OF DASH)
190410

**Fig. 57: Instrument Illumination Circuit, Except Convertible**

## POWER DISTRIBUTION

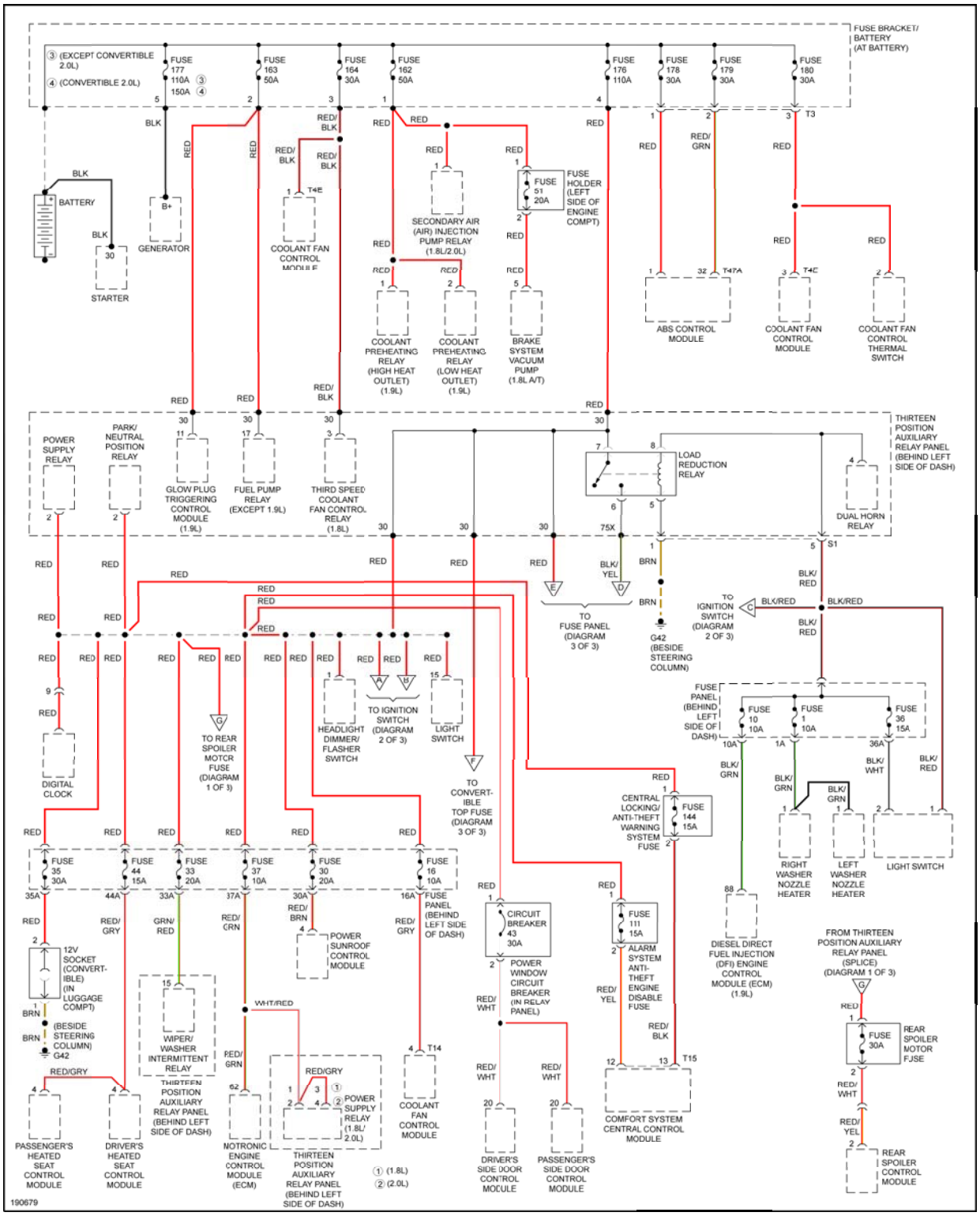
FUSE BRACKET/ BATTERY (AT BATTERY)
③ (EXCEPT CONVERTIBLE 2.0L)
④ (CONVERTIBLE 2.0L)
FUSE 177 110A ③ 150A ④
FUSE 163 50A
FUSE 164 30A
FUSE 162 50A
FUSE 176 110A
FUSE 178 30A
FUSE 179 30A
FUSE 180 30A
BATTERY
STARTER
GENERATOR
B+
COOLANT FAN CONTROL MODULE
SECONDARY AIR (AIR) INJECTION PUMP RELAY (1.8L/2.0L)
FUSE 51 20A
FUSE HOLDER (LEFT SIDE OF ENGINE COMPT)
COOLANT PREHEATING RELAY (HIGH HEAT OUTLET) (1.9L)
COOLANT PREHEATING RELAY (LOW HEAT OUTLET) (1.9L)
BRAKE SYSTEM VACUUM PUMP (1.8L A/T)
ABS CONTROL MODULE
COOLANT FAN CONTROL MODULE
COOLANT FAN CONTROL THERMAL SWITCH
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
POWER SUPPLY RELAY
PARK/ NEUTRAL POSITION RELAY
GLOW PLUG TRIGGERING CONTROL MODULE (1.9L)
FUEL PUMP RELAY (EXCEPT 1.9L)
THIRD SPEED COOLANT FAN CONTROL RELAY (1.8L)
LOAD REDUCTION RELAY
DUAL HORN RELAY
TO FUSE PANEL (DIAGRAM 3 OF 3)
G42 (BESIDE STEERING COLUMN)
TO IGNITION SWITCH (DIAGRAM 2 OF 3)
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 10 10A
FUSE 1 10A
FUSE 36 15A
DIGITAL CLOCK
TO REAR SPOILER MOTOR FUSE (DIAGRAM 1 OF 3)
HEADLIGHT DIMMER/ FLASHER SWITCH
TO IGNITION SWITCH (DIAGRAM 2 OF 3)
LIGHT SWITCH
TO CONVERTIBLE TOP FUSE (DIAGRAM 3 OF 3)
CENTRAL LOCKING/ ANTI-THEFT WARNING SYSTEM FUSE
FUSE 144 15A
RIGHT WASHER NOZZLE HEATER
LEFT WASHER NOZZLE HEATER
LIGHT SWITCH
FUSE 35 30A
FUSE 44 15A
FUSE 33 20A
FUSE 37 10A
FUSE 30 20A
FUSE 16 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
POWER SUNROOF CONTROL MODULE
12V SOCKET (CONVERTIBLE) (IN LUGGAGE COMPT)
(BESIDE STEERING COLUMN) G42
WIPER/ WASHER INTERMITTENT RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
CIRCUIT BREAKER 43 30A
POWER WINDOW CIRCUIT BREAKER (IN RELAY PANEL)
FUSE 111 15A
ALARM SYSTEM ANTI-THEFT ENGINE DISABLE FUSE
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (1.9L)
FROM THIRTEEN POSITION AUXILIARY RELAY PANEL (SPLICE) (DIAGRAM 1 OF 3)
FUSE 30A
REAR SPOILER MOTOR FUSE
REAR SPOILER CONTROL MODULE
PASSENGER'S HEATED SEAT CONTROL MODULE
DRIVER'S HEATED SEAT CONTROL MODULE
MOTRONIC ENGINE CONTROL MODULE (ECM)
POWER SUPPLY RELAY (1.8L/ 2.0L)
COOLANT FAN CONTROL MODULE
DRIVER'S SIDE DOOR CONTROL MODULE
PASSENGER'S SIDE DOOR CONTROL MODULE
COMFORT SYSTEM CENTRAL CONTROL MODULE
① (1.8L)
② (2.0L)
190679

**Fig. 58: Power Distribution Circuit (1 of 3)**

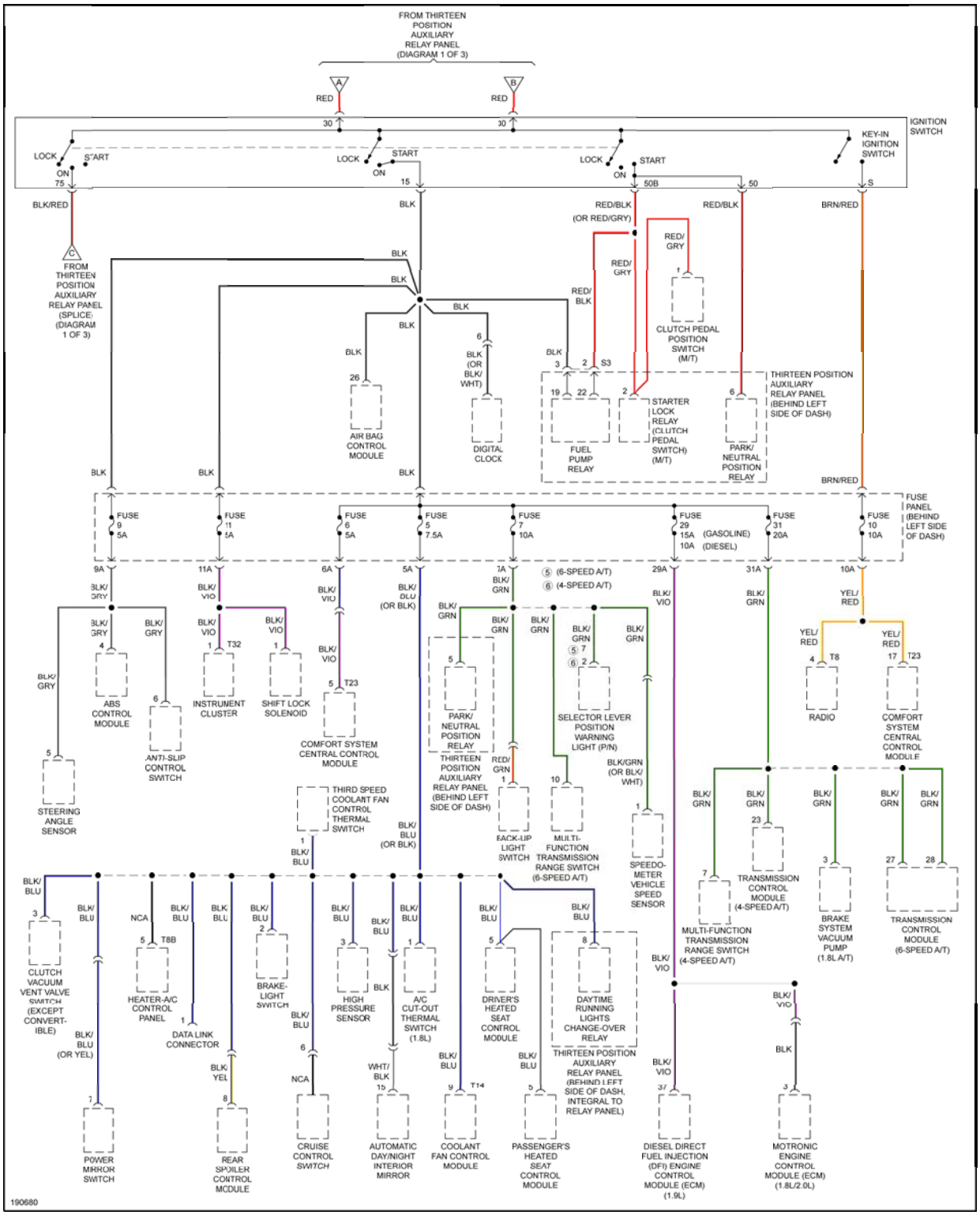
FROM THIRTEEN POSITION AUXILIARY RELAY PANEL (DIAGRAM 1 OF 3)
IGNITION SWITCH
KEY-IN IGNITION SWITCH
LOCK
START
ON
FROM THIRTEEN POSITION AUXILIARY RELAY PANEL (SPLICE) (DIAGRAM 1 OF 3)
CLUTCH PEDAL POSITION SWITCH (M/T)
AIR BAG CONTROL MODULE
DIGITAL CLOCK
FUEL PUMP RELAY
STARTER LOCK RELAY (CLUTCH PEDAL SWITCH) (M/T)
PARK/ NEUTRAL POSITION RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
ABS CONTROL MODULE
ANTI-SLIP CONTROL SWITCH
INSTRUMENT CLUSTER
SHIFT LOCK SOLENOID
COMFORT SYSTEM CENTRAL CONTROL MODULE
STEERING ANGLE SENSOR
THIRD SPEED COOLANT FAN CONTROL THERMAL SWITCH
BACK-UP LIGHT SWITCH
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (6-SPEED A/T)
SELECTOR LEVER POSITION WARNING LIGHT (P/N)
SPEEDO-METER VEHICLE SPEED SENSOR
RADIO
COMFORT SYSTEM CENTRAL CONTROL MODULE
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (4-SPEED A/T)
TRANSMISSION CONTROL MODULE (4-SPEED A/T)
BRAKE SYSTEM VACUUM PUMP (1.8L A/T)
TRANSMISSION CONTROL MODULE (6-SPEED A/T)
CLUTCH VACUUM VENT VALVE SWITCH (EXCEPT CONVERT-IBLE)
HEATER-A/C CONTROL PANEL
DATA LINK CONNECTOR
BRAKE-LIGHT SWITCH
HIGH PRESSURE SENSOR
A/C CUT-OUT THERMAL SWITCH (1.8L)
DRIVER'S HEATED SEAT CONTROL MODULE
DAYTIME RUNNING LIGHTS CHANGE-OVER RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
POWER MIRROR SWITCH
REAR SPOILER CONTROL MODULE
CRUISE CONTROL SWITCH
AUTOMATIC DAY/NIGHT INTERIOR MIRROR
COOLANT FAN CONTROL MODULE
PASSENGER'S HEATED SEAT CONTROL MODULE
DIESEL DIRECT FUEL INJECTION (DFI) ENGINE CONTROL MODULE (ECM) (1.9L)
MOTRONIC ENGINE CONTROL MODULE (ECM) (1.8L/2.0L)
190680

**Fig. 59: Power Distribution Circuit (2 of 3)**

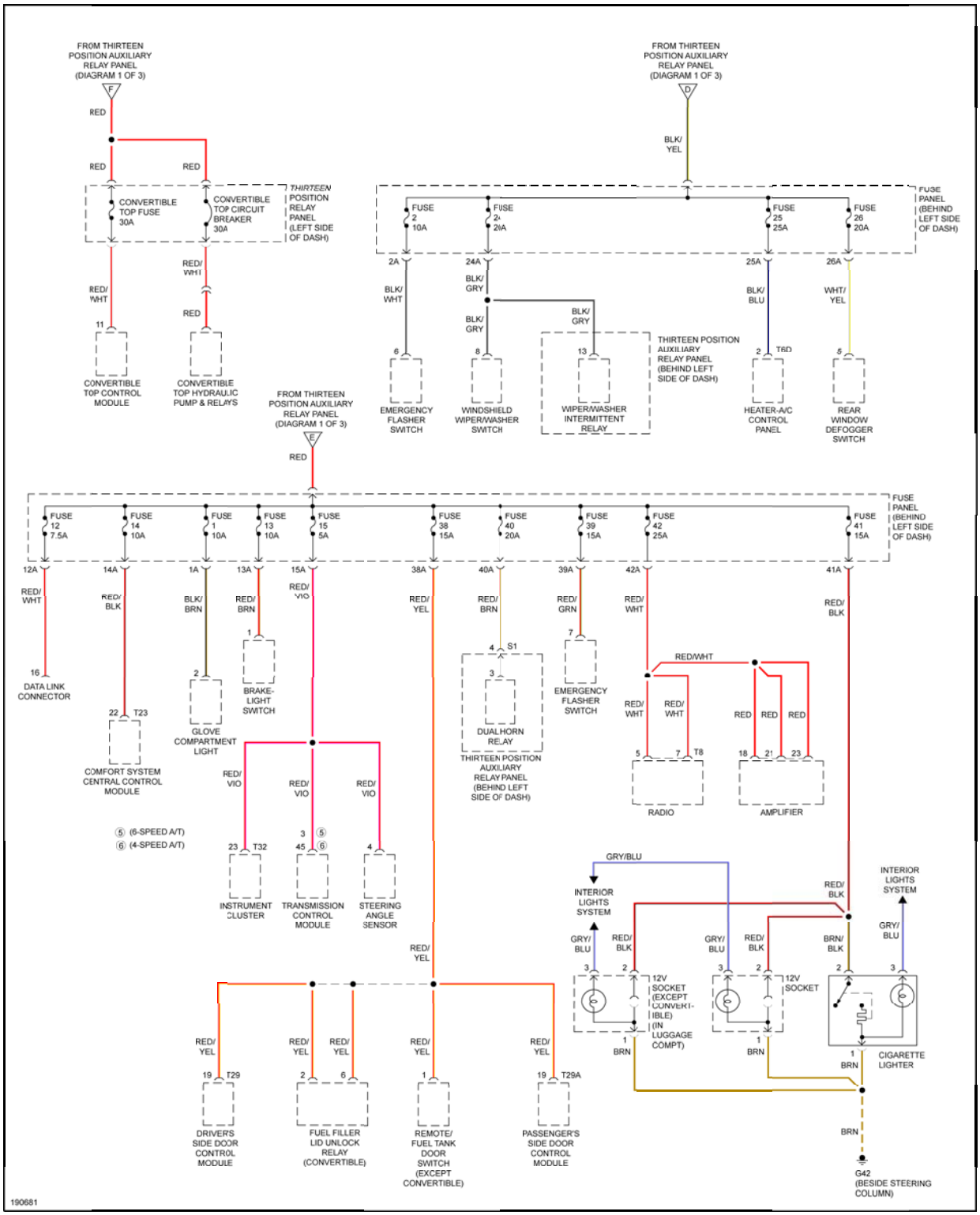
FROM THIRTEEN POSITION AUXILIARY RELAY PANEL (DIAGRAM 1 OF 3)
F
RED
CONVERTIBLE TOP FUSE 30A
CONVERTIBLE TOP CIRCUIT BREAKER 30A
THIRTEEN POSITION RELAY PANEL (LEFT SIDE OF DASH)
RED/WHT
11
CONVERTIBLE TOP CONTROL MODULE
CONVERTIBLE TOP HYDRAULIC PUMP & RELAYS
FROM THIRTEEN POSITION AUXILIARY RELAY PANEL (DIAGRAM 1 OF 3)
D
BLK/YEL
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 2 10A
FUSE 24 20A
FUSE 25 25A
FUSE 26 20A
2A
24A
25A
26A
BLK/WHT
BLK/GRY
BLK/BLU
WHT/YEL
6
8
13
2
5
EMERGENCY FLASHER SWITCH
WINDSHIELD WIPER/WASHER SWITCH
WIPER/WASHER INTERMITTENT RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
HEATER-A/C CONTROL PANEL
REAR WINDOW DEFOGGER SWITCH
FROM THIRTEEN POSITION AUXILIARY RELAY PANEL (DIAGRAM 1 OF 3)
E
RED
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 12 7.5A
FUSE 14 10A
FUSE 1 10A
FUSE 13 10A
FUSE 15 5A
FUSE 38 15A
FUSE 40 20A
FUSE 39 15A
FUSE 42 25A
FUSE 41 15A
12A
14A
1A
13A
15A
38A
40A
39A
42A
41A
RED/WHT
RED/BLK
BLK/BRN
RED/BRN
RED/VIO
RED/YEL
RED/BRN
RED/GRN
RED/WHT
RED/BLK
16
DATA LINK CONNECTOR
22
T23
COMFORT SYSTEM CENTRAL CONTROL MODULE
2
GLOVE COMPARTMENT LIGHT
1
BRAKE-LIGHT SWITCH
4
S1
3
DUAL HORN RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
7
EMERGENCY FLASHER SWITCH
RED/WHT
RED/WHT
RED/WHT
5
7
T8
RADIO
18
21
23
RED
RED
RED
AMPLIFIER
RED/VIO
RED/VIO
RED/VIO
5 (6-SPEED A/T)
6 (4-SPEED A/T)
23
T32
INSTRUMENT CLUSTER
3
5
4
5
6
TRANSMISSION CONTROL MODULE
4
STEERING ANGLE SENSOR
GRY/BLU
INTERIOR LIGHTS SYSTEM
INTERIOR LIGHTS SYSTEM
RED/BLK
GRY/BLU
RED/BLK
GRY/BLU
RED/BLK
BRN/BLK
GRY/BLU
3
2
12V SOCKET (EXCEPT CONVERTIBLE) (IN LUGGAGE COMPT)
12V SOCKET
1
BRN
CIGARETTE LIGHTER
BRN
G42 (BESIDE STEERING COLUMN)
RED/YEL
RED/YEL
RED/YEL
RED/YEL
RED/YEL
19
T29
DRIVER'S SIDE DOOR CONTROL MODULE
2
6
FUEL FILLER LID UNLOCK RELAY (CONVERTIBLE)
1
REMOTE/FUEL TANK DOOR SWITCH (EXCEPT CONVERTIBLE)
19
T29A
PASSENGER'S SIDE DOOR CONTROL MODULE
190681

**Fig. 60: Power Distribution Circuit (3 of 3)**

## POWER MIRRORS

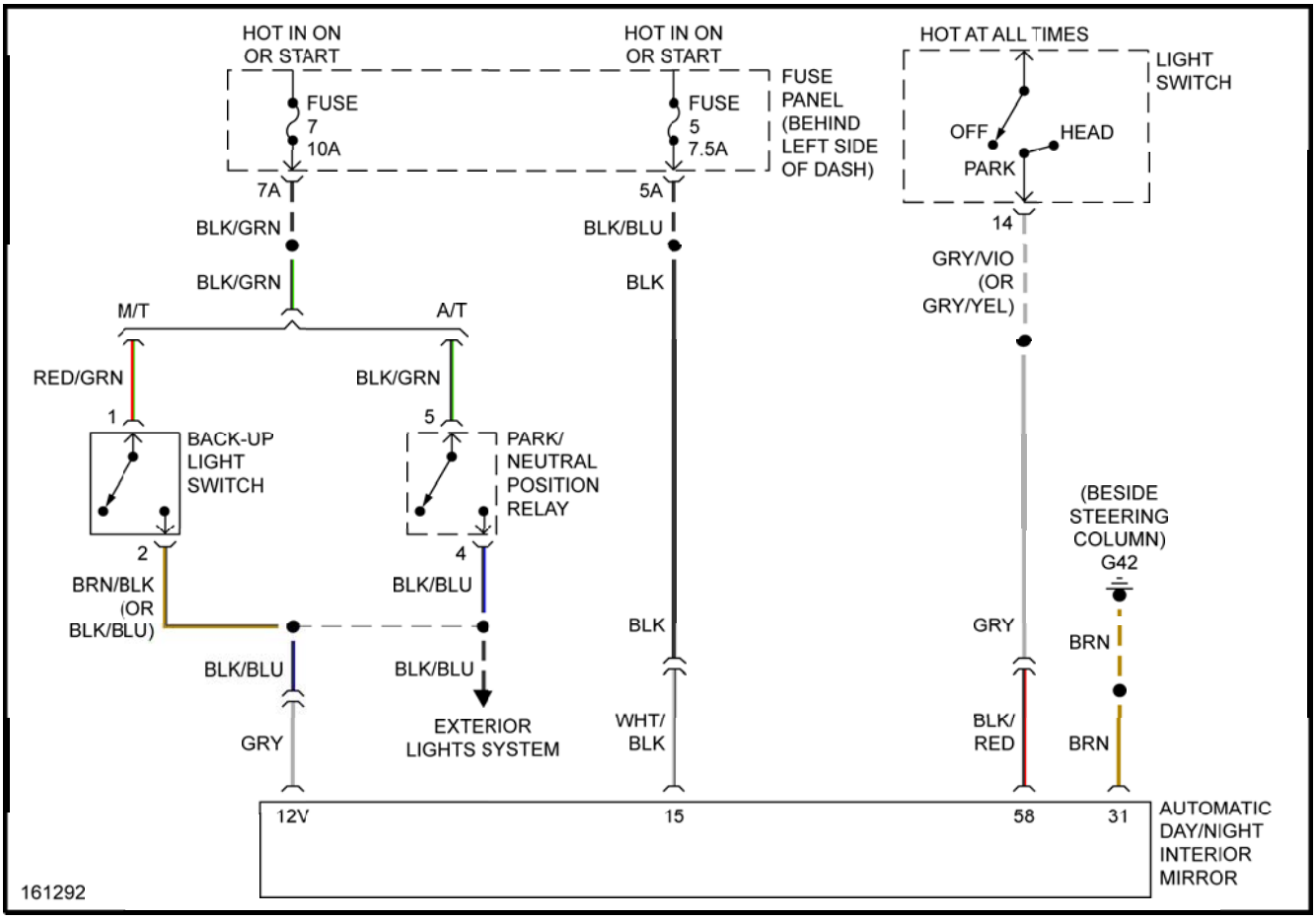
HOT IN ON OR START
FUSE 7 10A
7A
BLK/GRN
BLK/GRN
M/T
A/T
RED/GRN
1
BACK-UP LIGHT SWITCH
2
BRN/BLK (OR BLK/BLU)
BLK/BLU
GRY
BLK/GRN
5
PARK/ NEUTRAL POSITION RELAY
4
BLK/BLU
BLK/BLU
EXTERIOR LIGHTS SYSTEM
HOT IN ON OR START
FUSE 5 7.5A
5A
BLK/BLU
BLK
BLK
WHT/ BLK
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
HOT AT ALL TIMES
LIGHT SWITCH
OFF
HEAD
PARK
14
GRY/VIO (OR GRY/YEL)
GRY
BLK/ RED
(BESIDE STEERING COLUMN) G42
BRN
BRN
12V
15
58
31
AUTOMATIC DAY/NIGHT INTERIOR MIRROR
161292

**Fig. 61: Automatic Day/Night Mirror Circuit**

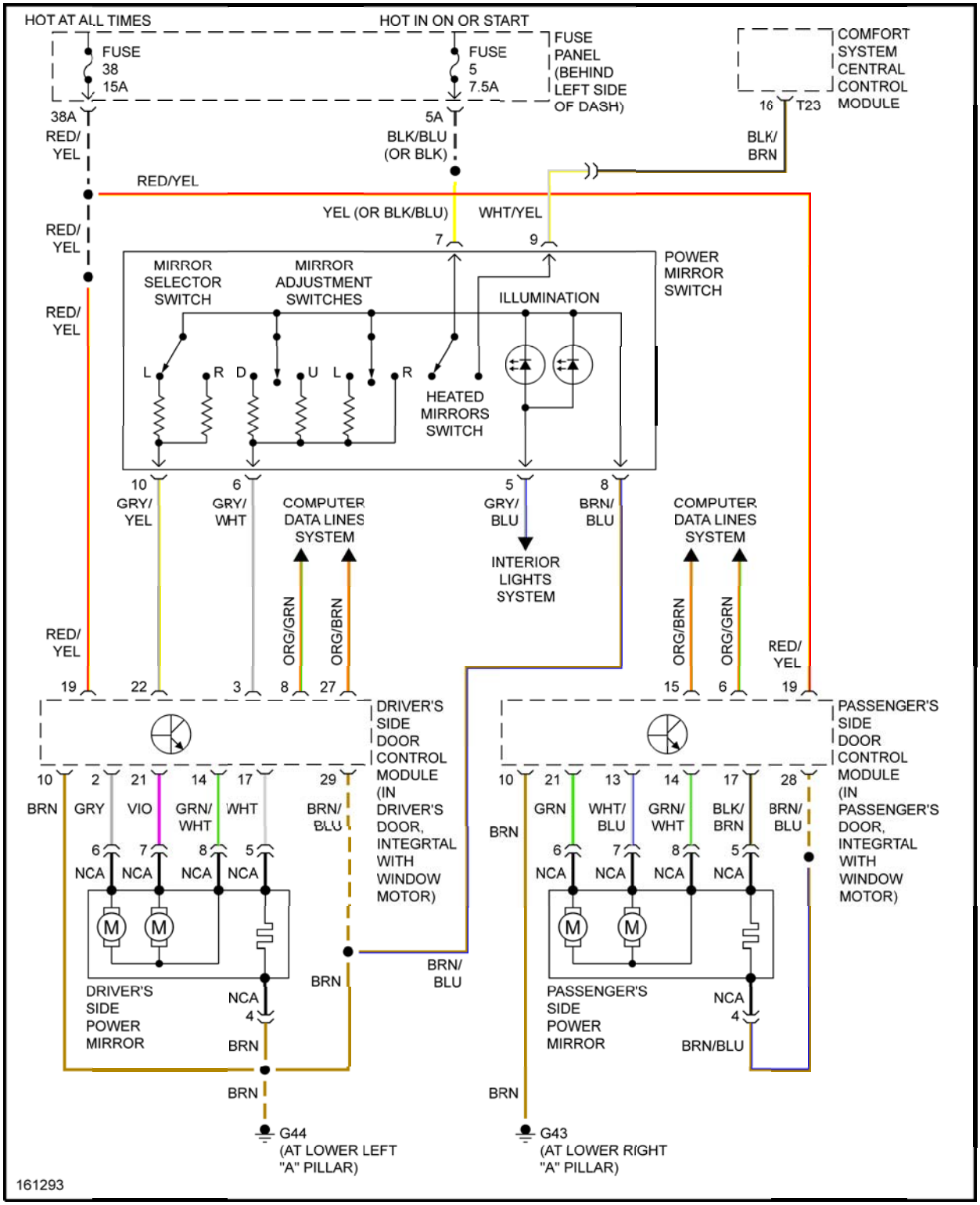
HOT AT ALL TIMES
HOT IN ON OR START
FUSE 38 15A
FUSE 5 7.5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
COMFORT SYSTEM CENTRAL CONTROL MODULE
16 T23
38A RED/YEL
5A BLK/BLU (OR BLK)
BLK/BRN
RED/YEL
YEL (OR BLK/BLU)
WHT/YEL
7
9
POWER MIRROR SWITCH
MIRROR SELECTOR SWITCH
MIRROR ADJUSTMENT SWITCHES
ILLUMINATION
L R D U L R
HEATED MIRRORS SWITCH
10 GRY/YEL
6 GRY/WHT
5 GRY/BLU
8 BRN/BLU
COMPUTER DATA LINES SYSTEM
ORG/GRN
ORG/BRN
INTERIOR LIGHTS SYSTEM
19
22
3
8
27
15
6
19
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR, INTEGRTAL WITH WINDOW MOTOR)
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGER'S DOOR, INTEGRTAL WITH WINDOW MOTOR)
10 BRN
2 GRY
21 VIO
14 GRN/WHT
17 WHT
29 BRN/BLU
10 BRN
21 GRN
13 WHT/BLU
14 GRN/WHT
17 BLK/BRN
28 BRN/BLU
6 NCA
7 NCA
8 NCA
5 NCA
M
DRIVER'S SIDE POWER MIRROR
PASSENGER'S SIDE POWER MIRROR
NCA 4
BRN
BRN/BLU
G44 (AT LOWER LEFT "A" PILLAR)
G43 (AT LOWER RIGHT "A" PILLAR)
161293

**Fig. 62: Power Mirrors Circuit, W/ Power Windows**

## POWER SEATS

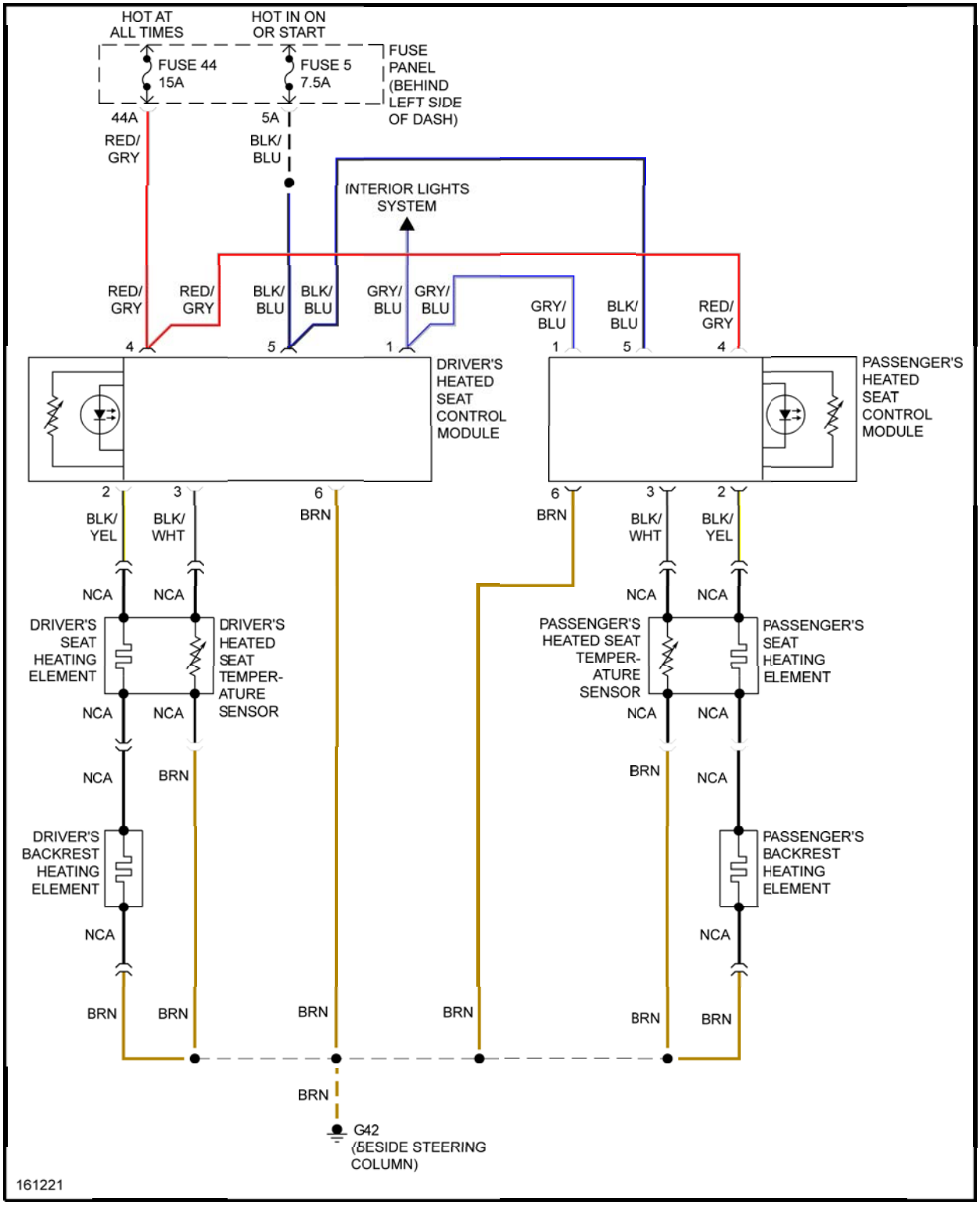
HOT AT ALL TIMES
HOT IN ON OR START
FUSE 44 15A
FUSE 5 7.5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
44A
5A
RED/ GRY
BLK/ BLU
INTERIOR LIGHTS SYSTEM
RED/ GRY
RED/ GRY
BLK/ BLU
BLK/ BLU
GRY/ BLU
GRY/ BLU
GRY/ BLU
BLK/ BLU
RED/ GRY
4
5
1
1
5
4
DRIVER'S HEATED SEAT CONTROL MODULE
PASSENGER'S HEATED SEAT CONTROL MODULE
2
3
6
6
3
2
BLK/ YEL
BLK/ WHT
BRN
BRN
BLK/ WHT
BLK/ YEL
NCA
NCA
NCA
NCA
DRIVER'S SEAT HEATING ELEMENT
DRIVER'S HEATED SEAT TEMPER- ATURE SENSOR
PASSENGER'S HEATED SEAT TEMPER- ATURE SENSOR
PASSENGER'S SEAT HEATING ELEMENT
NCA
NCA
NCA
NCA
NCA
BRN
BRN
NCA
DRIVER'S BACKREST HEATING ELEMENT
PASSENGER'S BACKREST HEATING ELEMENT
NCA
NCA
BRN
BRN
BRN
BRN
BRN
BRN
BRN
G42
(BESIDE STEERING COLUMN)
161221

**Fig. 63: Heated Seats Circuit**

## POWER TOP/SUNROOF

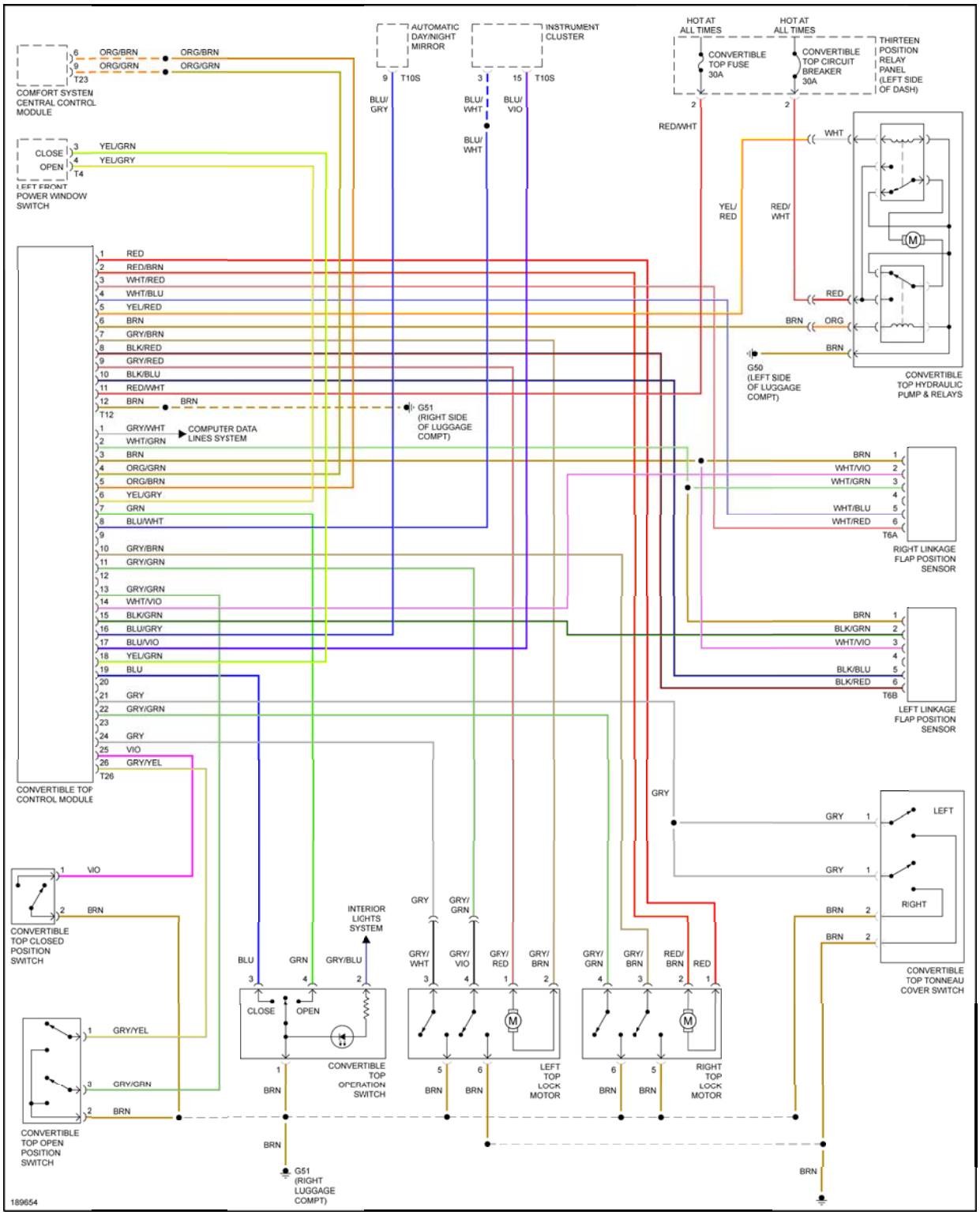
COMFORT SYSTEM CENTRAL CONTROL MODULE
T23
ORG/BRN
ORG/GRN
AUTOMATIC DAY/NIGHT MIRROR
9 T10S
BLU/ GRY
INSTRUMENT CLUSTER
3 15 T10S
BLU/ WHT
BLU/ VIO
HOT AT ALL TIMES
CONVERTIBLE TOP FUSE 30A
HOT AT ALL TIMES
CONVERTIBLE TOP CIRCUIT BREAKER 30A
THIRTEEN POSITION RELAY PANEL (LEFT SIDE OF DASH)
RED/WHT
LEFT FRONT POWER WINDOW SWITCH
CLOSE
OPEN
T4
YEL/GRN
YEL/GRY
WHT
YEL/ RED
RED/ WHT
RED
BRN
ORG
G50 (LEFT SIDE OF LUGGAGE COMPT)
CONVERTIBLE TOP HYDRAULIC PUMP & RELAYS
CONVERTIBLE TOP CONTROL MODULE
T26
T12
RED
RED/BRN
WHT/RED
WHT/BLU
YEL/RED
BRN
GRY/BRN
BLK/RED
GRY/RED
BLK/BLU
RED/WHT
G51 (RIGHT SIDE OF LUGGAGE COMPT)
GRY/WHT
WHT/GRN
COMPUTER DATA LINES SYSTEM
ORG/GRN
ORG/BRN
YEL/GRY
GRN
BLU/WHT
GRY/GRN
WHT/VIO
BLK/GRN
BLU/GRY
BLU/VIO
YEL/GRN
BLU
GRY
VIO
T6A
RIGHT LINKAGE FLAP POSITION SENSOR
BLK/GRN
T6B
LEFT LINKAGE FLAP POSITION SENSOR
LEFT
RIGHT
CONVERTIBLE TOP TONNEAU COVER SWITCH
CONVERTIBLE TOP CLOSED POSITION SWITCH
CONVERTIBLE TOP OPEN POSITION SWITCH
INTERIOR LIGHTS SYSTEM
BLU
GRN
GRY/BLU
GRY/ WHT
GRY/ VIO
GRY/ RED
GRY/ BRN
GRY/ GRN
RED/ BRN
CLOSE
OPEN
CONVERTIBLE TOP OPERATION SWITCH
LEFT TOP LOCK MOTOR
RIGHT TOP LOCK MOTOR
189654

**Fig. 64: Convertible Top Circuit**

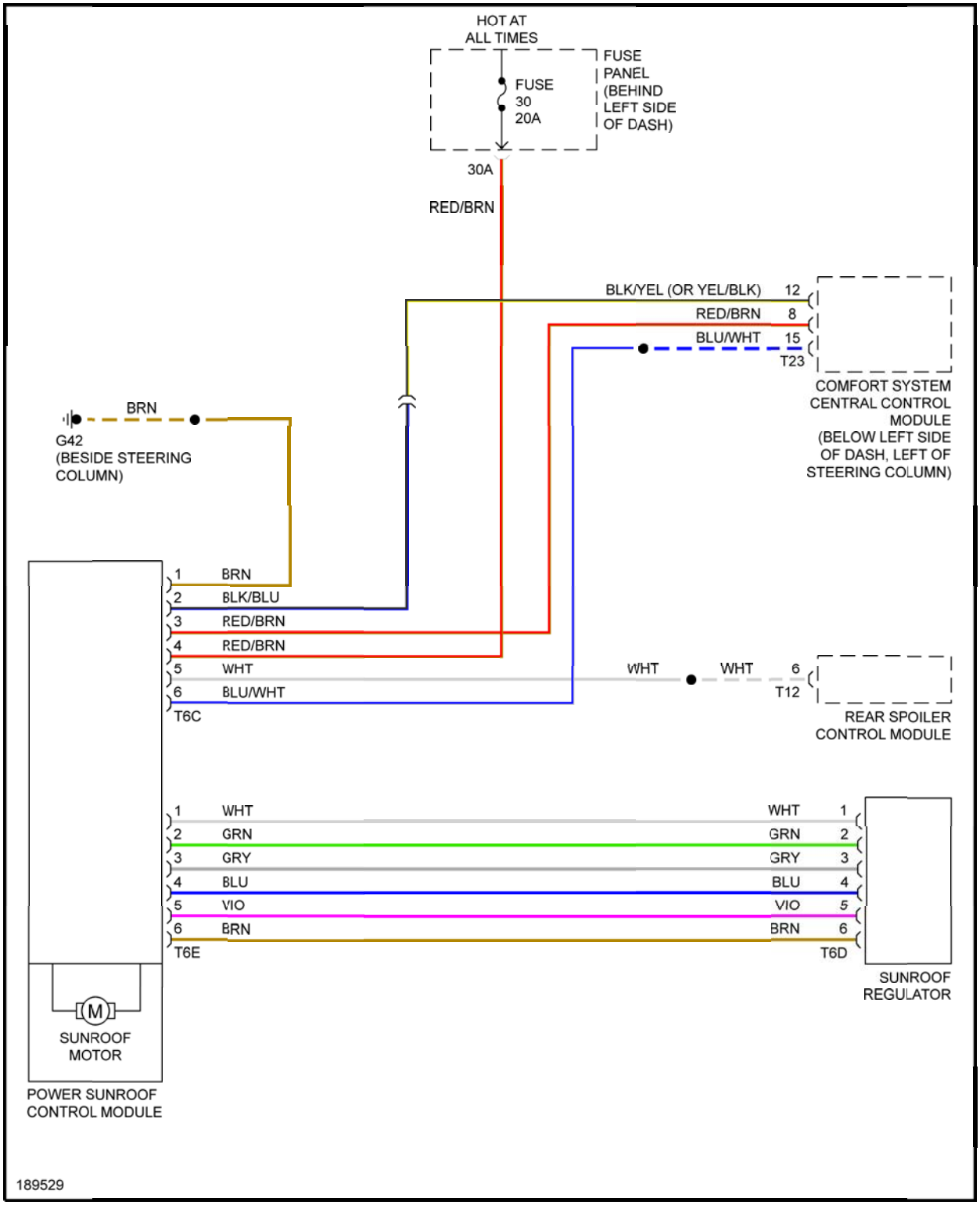
HOT AT
ALL TIMES
FUSE
30
20A
FUSE
PANEL
(BEHIND
LEFT SIDE
OF DASH)
30A
RED/BRN
BLK/YEL (OR YEL/BLK) 12
RED/BRN 8
BLU/WHT 15
T23
COMFORT SYSTEM
CENTRAL CONTROL
MODULE
(BELOW LEFT SIDE
OF DASH, LEFT OF
STEERING COLUMN)
BRN
G42
(BESIDE STEERING
COLUMN)
1 BRN
2 BLK/BLU
3 RED/BRN
4 RED/BRN
5 WHT
6 BLU/WHT
T6C
WHT
WHT 6
T12
REAR SPOILER
CONTROL MODULE
1 WHT
2 GRN
3 GRY
4 BLU
5 VIO
6 BRN
T6E
WHT 1
GRN 2
GRY 3
BLU 4
VIO 5
BRN 6
T6D
SUNROOF
REGULATOR
M
SUNROOF
MOTOR
POWER SUNROOF
CONTROL MODULE
189529

**Fig. 65: Sunroof Circuit**

## POWER WINDOWS

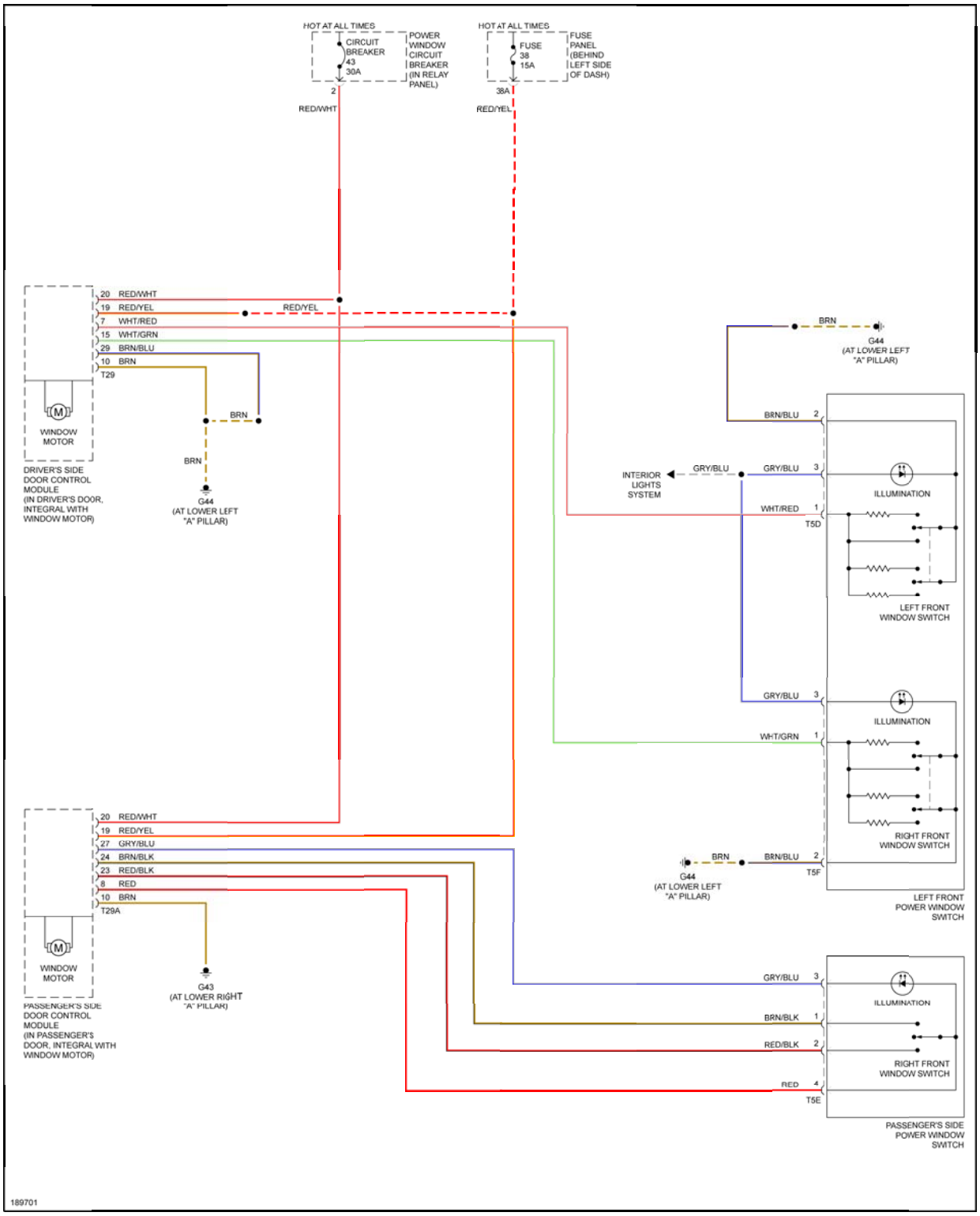
HOT AT ALL TIMES
CIRCUIT BREAKER 43 30A
POWER WINDOW CIRCUIT BREAKER (IN RELAY PANEL)
2
RED/WHT
HOT AT ALL TIMES
FUSE 38 15A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
38A
RED/YEL
20 RED/WHT
19 RED/YEL
7 WHT/RED
15 WHT/GRN
29 BRN/BLU
10 BRN
T29
RED/YEL
BRN
WINDOW MOTOR
DRIVER'S SIDE DOOR CONTROL MODULE (IN DRIVER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
BRN
G44 (AT LOWER LEFT "A" PILLAR)
BRN
G44 (AT LOWER LEFT "A" PILLAR)
BRN/BLU 2
INTERIOR LIGHTS SYSTEM
GRY/BLU
GRY/BLU 3
ILLUMINATION
WHT/RED 1
T5D
LEFT FRONT WINDOW SWITCH
GRY/BLU 3
ILLUMINATION
WHT/GRN 1
RIGHT FRONT WINDOW SWITCH
BRN
BRN/BLU 2
T5F
G44 (AT LOWER LEFT "A" PILLAR)
LEFT FRONT POWER WINDOW SWITCH
20 RED/WHT
19 RED/YEL
27 GRY/BLU
24 BRN/BLK
23 RED/BLK
8 RED
10 BRN
T29A
WINDOW MOTOR
G43 (AT LOWER RIGHT "A" PILLAR)
PASSENGER'S SIDE DOOR CONTROL MODULE (IN PASSENGER'S DOOR, INTEGRAL WITH WINDOW MOTOR)
GRY/BLU 3
ILLUMINATION
BRN/BLK 1
RED/BLK 2
RIGHT FRONT WINDOW SWITCH
RED 4
T5E
PASSENGER'S SIDE POWER WINDOW SWITCH
189701

**Fig. 66: Power Windows Circuit**

## RADIO

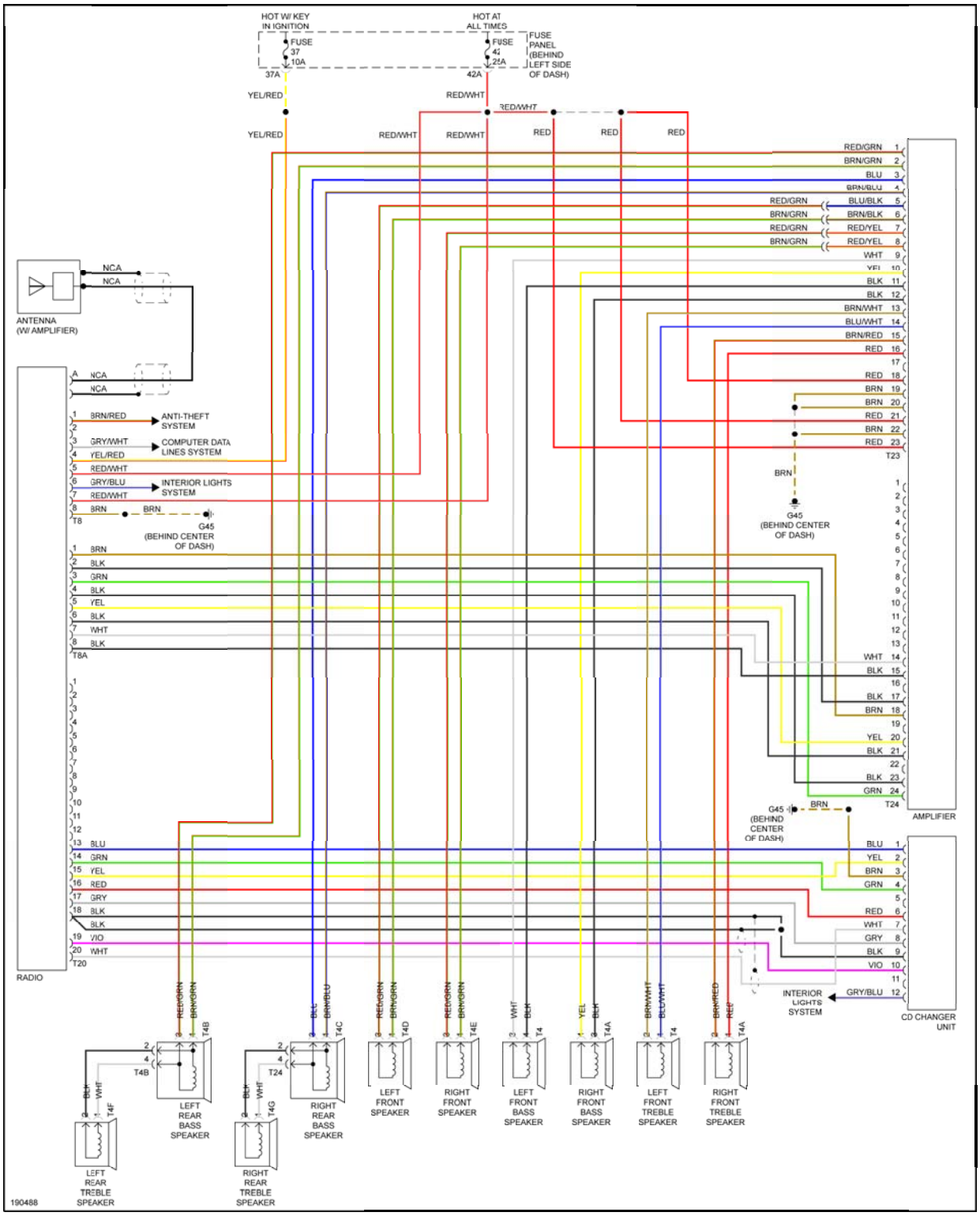
HOT W/ KEY IN IGNITION
HOT AT ALL TIMES
FUSE 37 10A
FUSE 42 25A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
37A
42A
YEL/RED
RED/WHT
RED
ANTENNA (W/ AMPLIFIER)
NCA
RADIO
ANTI-THEFT SYSTEM
COMPUTER DATA LINES SYSTEM
INTERIOR LIGHTS SYSTEM
G45 (BEHIND CENTER OF DASH)
AMPLIFIER
CD CHANGER UNIT
LEFT REAR BASS SPEAKER
RIGHT REAR BASS SPEAKER
LEFT FRONT SPEAKER
RIGHT FRONT SPEAKER
LEFT FRONT BASS SPEAKER
RIGHT FRONT BASS SPEAKER
LEFT FRONT TREBLE SPEAKER
RIGHT FRONT TREBLE SPEAKER
LEFT REAR TREBLE SPEAKER
RIGHT REAR TREBLE SPEAKER
190488

**Fig. 67: Premium Sound Radio Circuit, Convertible**

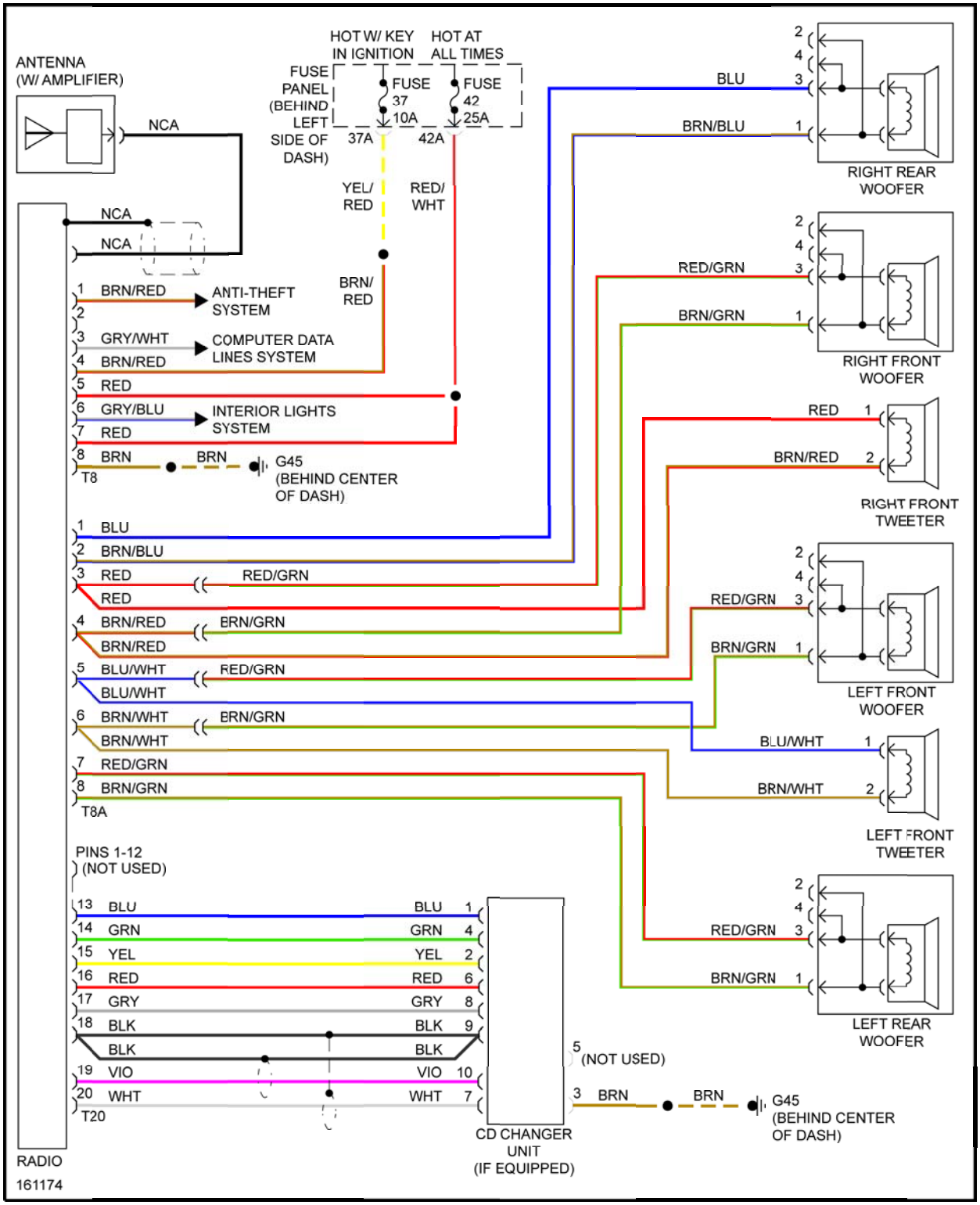
ANTENNA
(W/ AMPLIFIER)
NCA
NCA
NCA
HOT W/ KEY
IN IGNITION
HOT AT
ALL TIMES
FUSE
PANEL
(BEHIND
LEFT
SIDE OF
DASH)
FUSE
37
10A
FUSE
42
25A
37A
42A
YEL/
RED
RED/
WHT
BRN/
RED
1 BRN/RED
ANTI-THEFT
SYSTEM
2
3 GRY/WHT
COMPUTER DATA
LINES SYSTEM
4 BRN/RED
5 RED
6 GRY/BLU
INTERIOR LIGHTS
SYSTEM
7 RED
8 BRN
BRN
G45
(BEHIND CENTER
OF DASH)
T8
1 BLU
2 BRN/BLU
3 RED
RED/GRN
RED
4 BRN/RED
BRN/GRN
BRN/RED
5 BLU/WHT
RED/GRN
BLU/WHT
6 BRN/WHT
BRN/GRN
BRN/WHT
7 RED/GRN
8 BRN/GRN
T8A
PINS 1-12
(NOT USED)
13 BLU
14 GRN
15 YEL
16 RED
17 GRY
18 BLK
BLK
19 VIO
20 WHT
T20
BLU 1
GRN 4
YEL 2
RED 6
GRY 8
BLK 9
BLK
VIO 10
WHT 7
CD CHANGER
UNIT
(IF EQUIPPED)
5
(NOT USED)
3 BRN
BRN
G45
(BEHIND CENTER
OF DASH)
RADIO
161174
BLU
BRN/BLU
RIGHT REAR
WOOFER
RED/GRN
BRN/GRN
RIGHT FRONT
WOOFER
RED
BRN/RED
RIGHT FRONT
TWEETER
RED/GRN
BRN/GRN
LEFT FRONT
WOOFER
BLU/WHT
BRN/WHT
LEFT FRONT
TWEETER
RED/GRN
BRN/GRN
LEFT REAR
WOOFER

**Fig. 68: Radio Circuit, Base Radio**

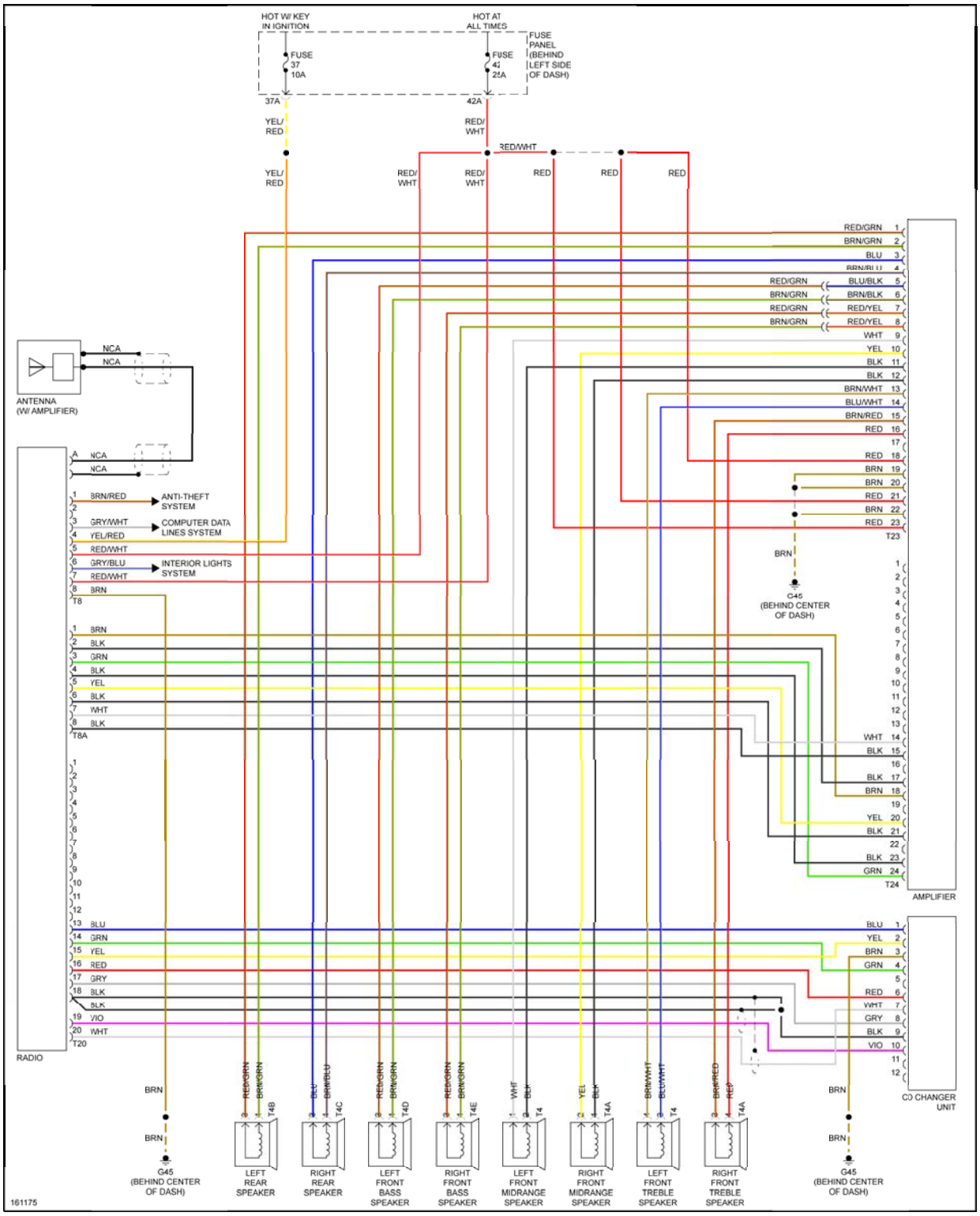
HOT W/ KEY IN IGNITION
HOT AT ALL TIMES
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 37 10A
FUSE 42 25A
37A
42A
YEL/RED
RED/WHT
RED
RED/GRN
BRN/GRN
BLU
BLU/BLK
BRN/BLK
RED/YEL
WHT
YEL
BLK
BRN/WHT
BLU/WHT
BRN/RED
GRN
AMPLIFIER
T23
T24
ANTENNA (W/ AMPLIFIER)
NCA
RADIO
T8
T8A
T20
BRN/RED
ANTI-THEFT SYSTEM
GRY/WHT
COMPUTER DATA LINES SYSTEM
YEL/RED
INTERIOR LIGHTS SYSTEM
BRN
BLK
GRN
YEL
WHT
BLU
RED
GRY
VIO
G45 (BEHIND CENTER OF DASH)
CD CHANGER UNIT
LEFT REAR SPEAKER
RIGHT REAR SPEAKER
LEFT FRONT BASS SPEAKER
RIGHT FRONT BASS SPEAKER
LEFT FRONT MIDRANGE SPEAKER
RIGHT FRONT MIDRANGE SPEAKER
LEFT FRONT TREBLE SPEAKER
RIGHT FRONT TREBLE SPEAKER
T4B
T4C
T4D
T4E
T4
T4A
161175

**Fig. 69: Radio Circuit, Premium Radio, Except Convertible**

## SHIFT INTERLOCK

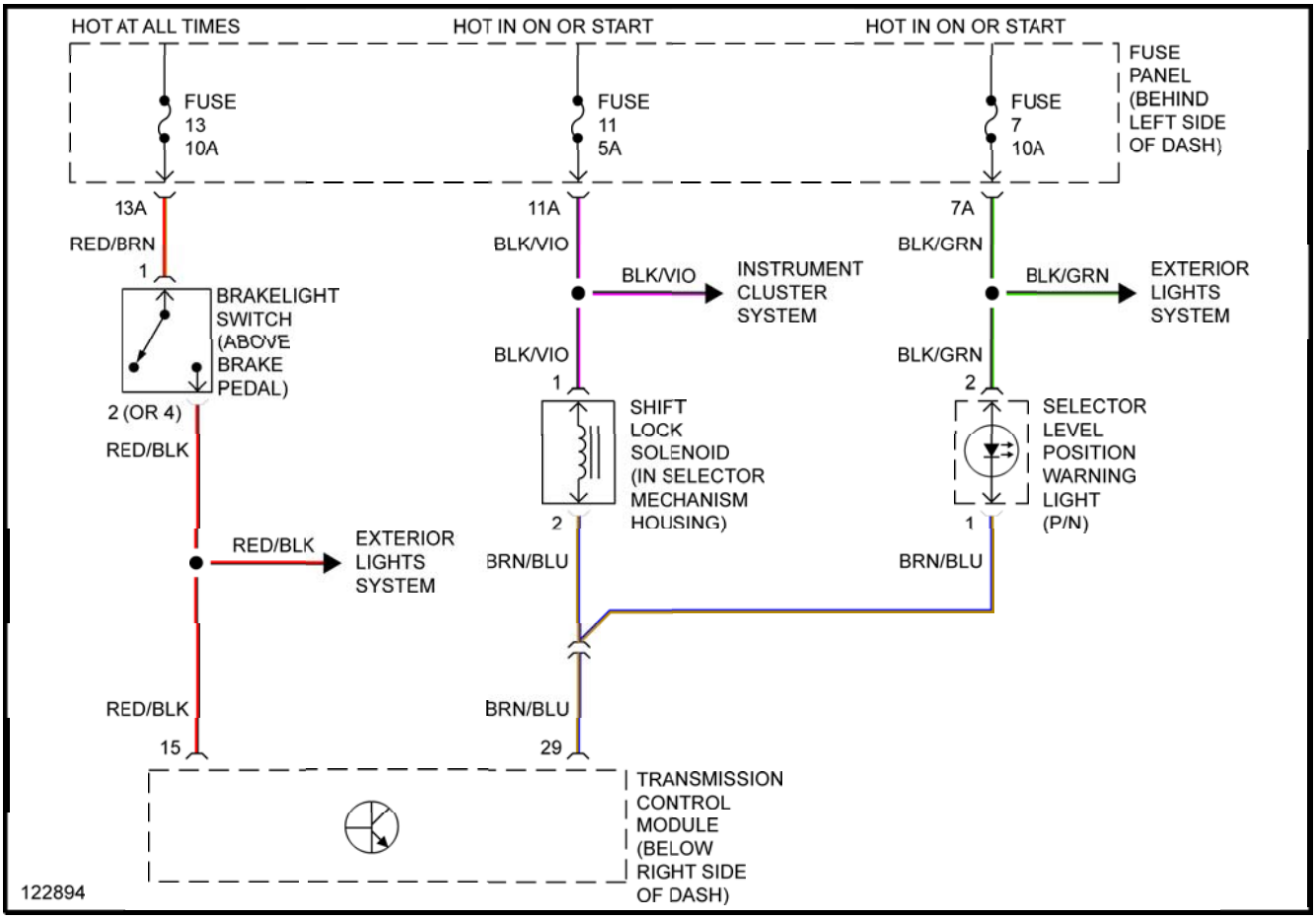
HOT AT ALL TIMES
HOT IN ON OR START
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 13 10A
FUSE 11 5A
FUSE 7 10A
13A
11A
7A
RED/BRN
BLK/VIO
BLK/GRN
1
BRAKELIGHT SWITCH (ABOVE BRAKE PEDAL)
BLK/VIO
INSTRUMENT CLUSTER SYSTEM
BLK/GRN
EXTERIOR LIGHTS SYSTEM
2 (OR 4)
BLK/VIO
1
SHIFT LOCK SOLENOID (IN SELECTOR MECHANISM HOUSING)
BLK/GRN
2
SELECTOR LEVEL POSITION WARNING LIGHT (P/N)
RED/BLK
RED/BLK
EXTERIOR LIGHTS SYSTEM
2
1
BRN/BLU
BRN/BLU
RED/BLK
BRN/BLU
15
29
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH)
122894

**Fig. 70: Shift Interlock Circuit**

## STARTING/CHARGING

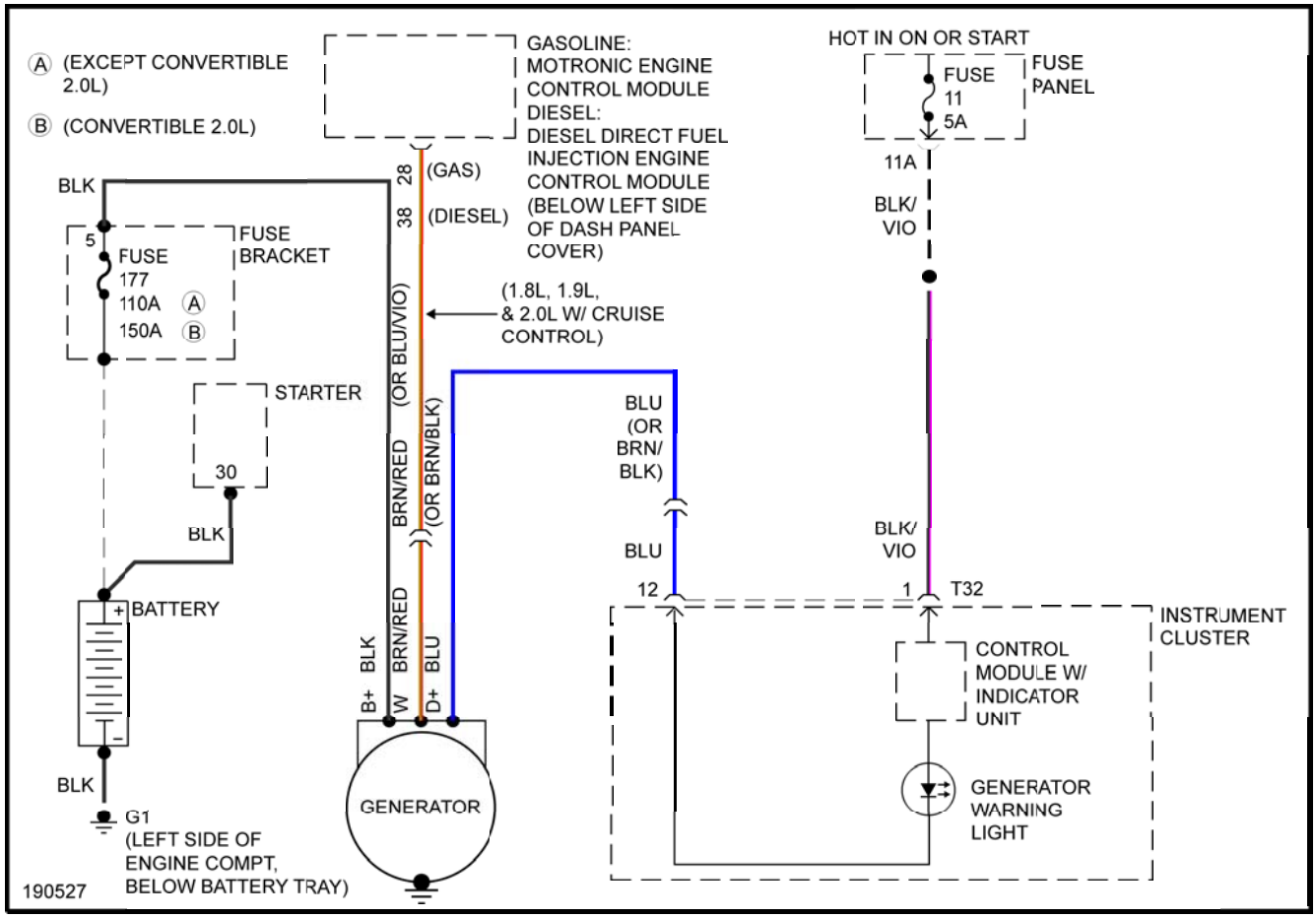
(A) (EXCEPT CONVERTIBLE 2.0L)
(B) (CONVERTIBLE 2.0L)
GASOLINE: MOTRONIC ENGINE CONTROL MODULE
DIESEL: DIESEL DIRECT FUEL INJECTION ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
HOT IN ON OR START
FUSE PANEL
FUSE 11 5A
11A
BLK/ VIO
BLK
5
FUSE 177 110A (A) 150A (B)
FUSE BRACKET
28 (GAS)
38 (DIESEL)
(1.8L, 1.9L, & 2.0L W/ CRUISE CONTROL)
STARTER
30
BLK
BATTERY
BLK
G1
(LEFT SIDE OF ENGINE COMPT, BELOW BATTERY TRAY)
190527
BRN/RED (OR BLU/VIO)
(OR BRN/BLK)
B+ BLK
W BRN/RED
D+ BLU
GENERATOR
BLU (OR BRN/ BLK)
BLU
12
BLK/ VIO
1
T32
INSTRUMENT CLUSTER
CONTROL MODULE W/ INDICATOR UNIT
GENERATOR WARNING LIGHT

**Fig. 71: Charging Circuit**

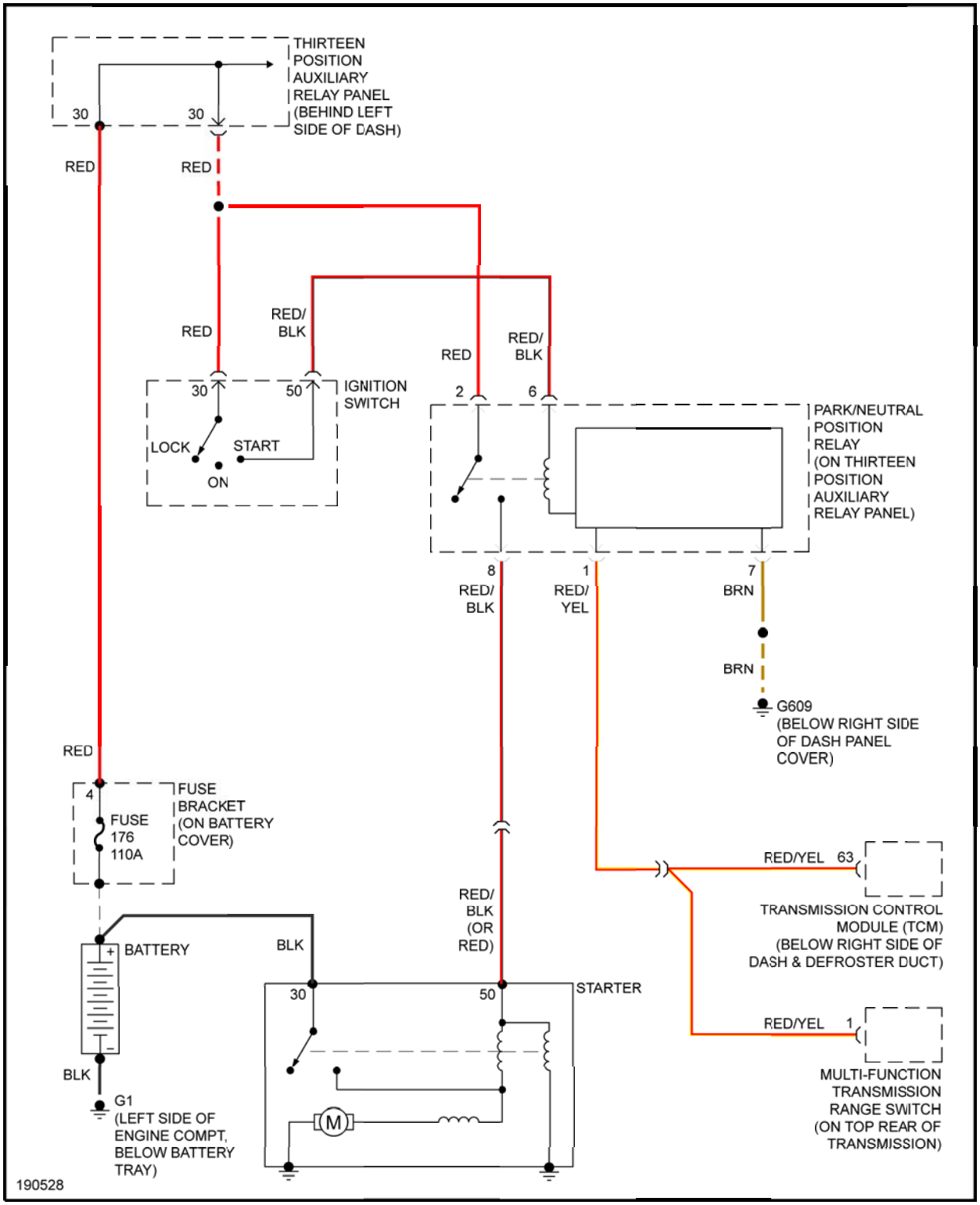
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
30
30
RED
RED
RED
RED/ BLK
IGNITION SWITCH
30
50
LOCK
START
ON
RED
RED/ BLK
2
6
PARK/NEUTRAL POSITION RELAY (ON THIRTEEN POSITION AUXILIARY RELAY PANEL)
8 RED/ BLK
1 RED/ YEL
7 BRN
BRN
G609 (BELOW RIGHT SIDE OF DASH PANEL COVER)
RED
4
FUSE BRACKET (ON BATTERY COVER)
FUSE 176 110A
RED/ BLK (OR RED)
RED/YEL 63
TRANSMISSION CONTROL MODULE (TCM) (BELOW RIGHT SIDE OF DASH & DEFROSTER DUCT)
BATTERY
BLK
30
50
STARTER
M
RED/YEL 1
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (ON TOP REAR OF TRANSMISSION)
BLK
G1 (LEFT SIDE OF ENGINE COMPT, BELOW BATTERY TRAY)
190528

**Fig. 72: Starting Circuit, 4 Speed A/T**

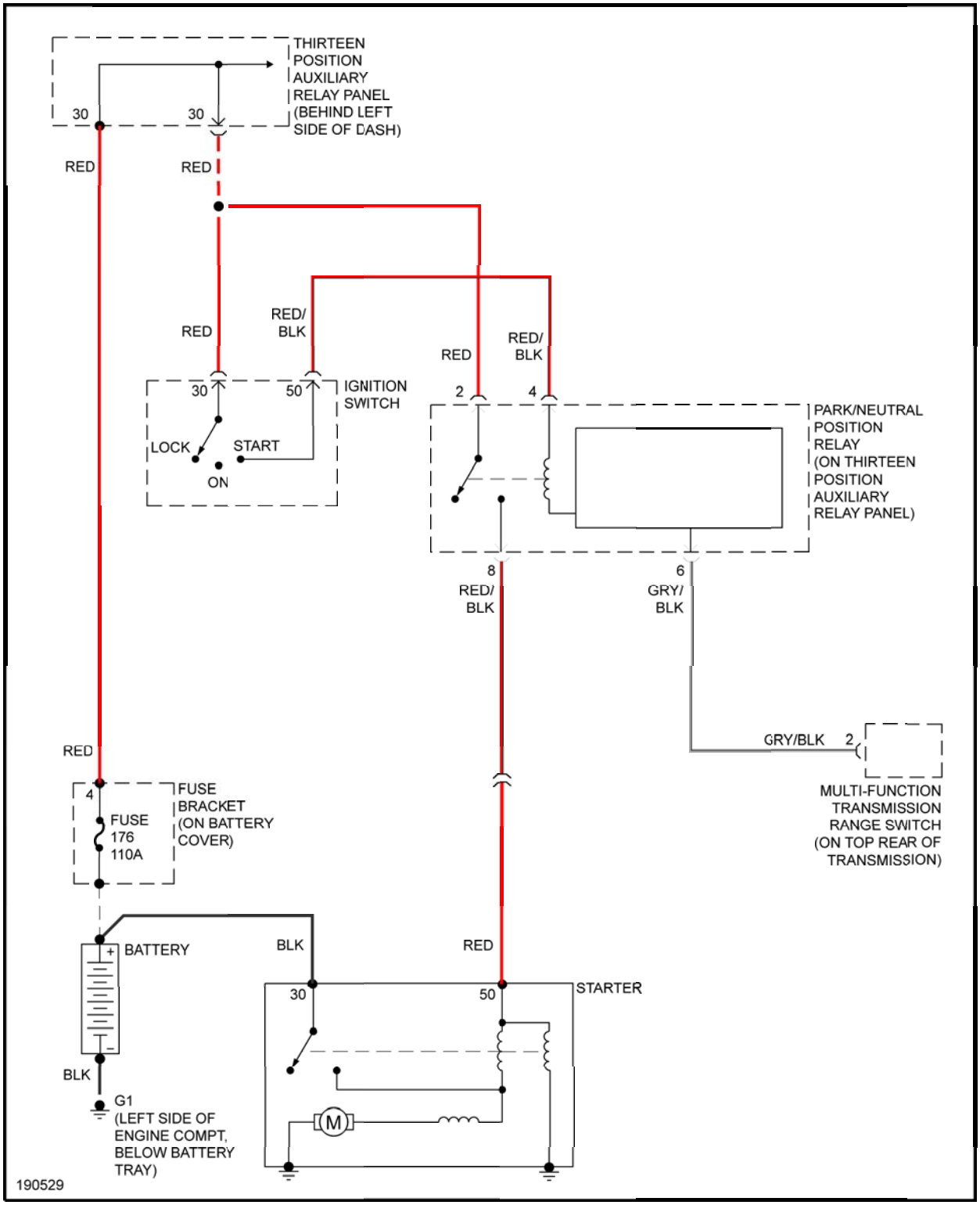
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
30
30
RED
RED
RED
RED/ BLK
30
50
IGNITION SWITCH
LOCK
START
ON
RED
RED/ BLK
2
4
PARK/NEUTRAL POSITION RELAY (ON THIRTEEN POSITION AUXILIARY RELAY PANEL)
8
RED/ BLK
6
GRY/ BLK
GRY/BLK
2
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (ON TOP REAR OF TRANSMISSION)
RED
4
FUSE BRACKET (ON BATTERY COVER)
FUSE 176 110A
BATTERY
BLK
RED
30
50
STARTER
M
BLK
G1
(LEFT SIDE OF ENGINE COMPT, BELOW BATTERY TRAY)
190529

**Fig. 73: Starting Circuit, 6 Speed A/T**

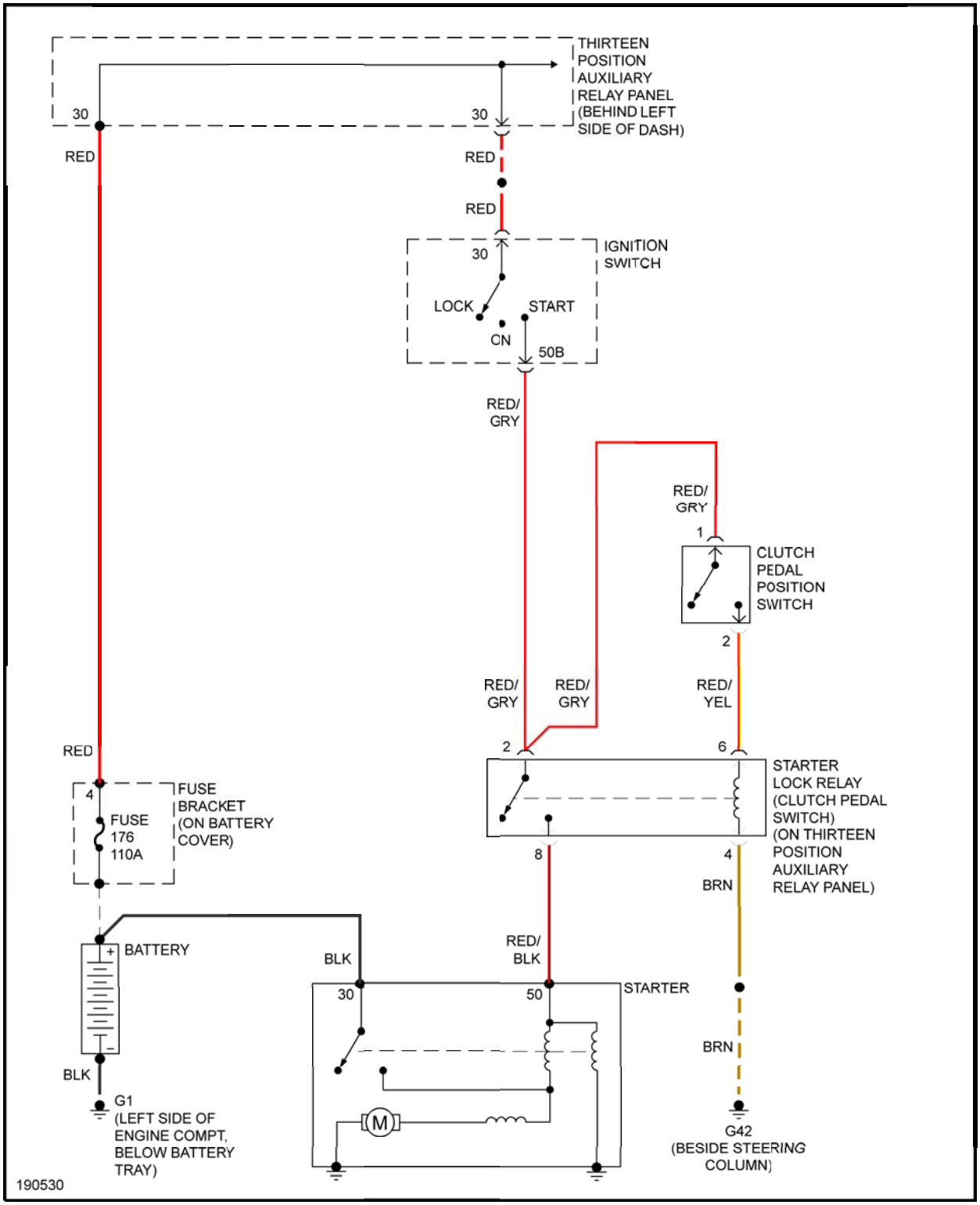
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
30
30
RED
RED
RED
IGNITION SWITCH
30
LOCK
START
ON
50B
RED/ GRY
RED/ GRY
1
CLUTCH PEDAL POSITION SWITCH
2
RED/ GRY
RED/ GRY
RED/ YEL
RED
2
6
4
FUSE BRACKET (ON BATTERY COVER)
FUSE 176 110A
STARTER LOCK RELAY (CLUTCH PEDAL SWITCH) (ON THIRTEEN POSITION AUXILIARY RELAY PANEL)
8
4
BRN
BATTERY
BLK
RED/ BLK
30
50
STARTER
BRN
BLK
M
G1 (LEFT SIDE OF ENGINE COMPT, BELOW BATTERY TRAY)
G42 (BESIDE STEERING COLUMN)
190530

**Fig. 74: Starting Circuit, M/T**

## SUPPLEMENTAL RESTRAINTS

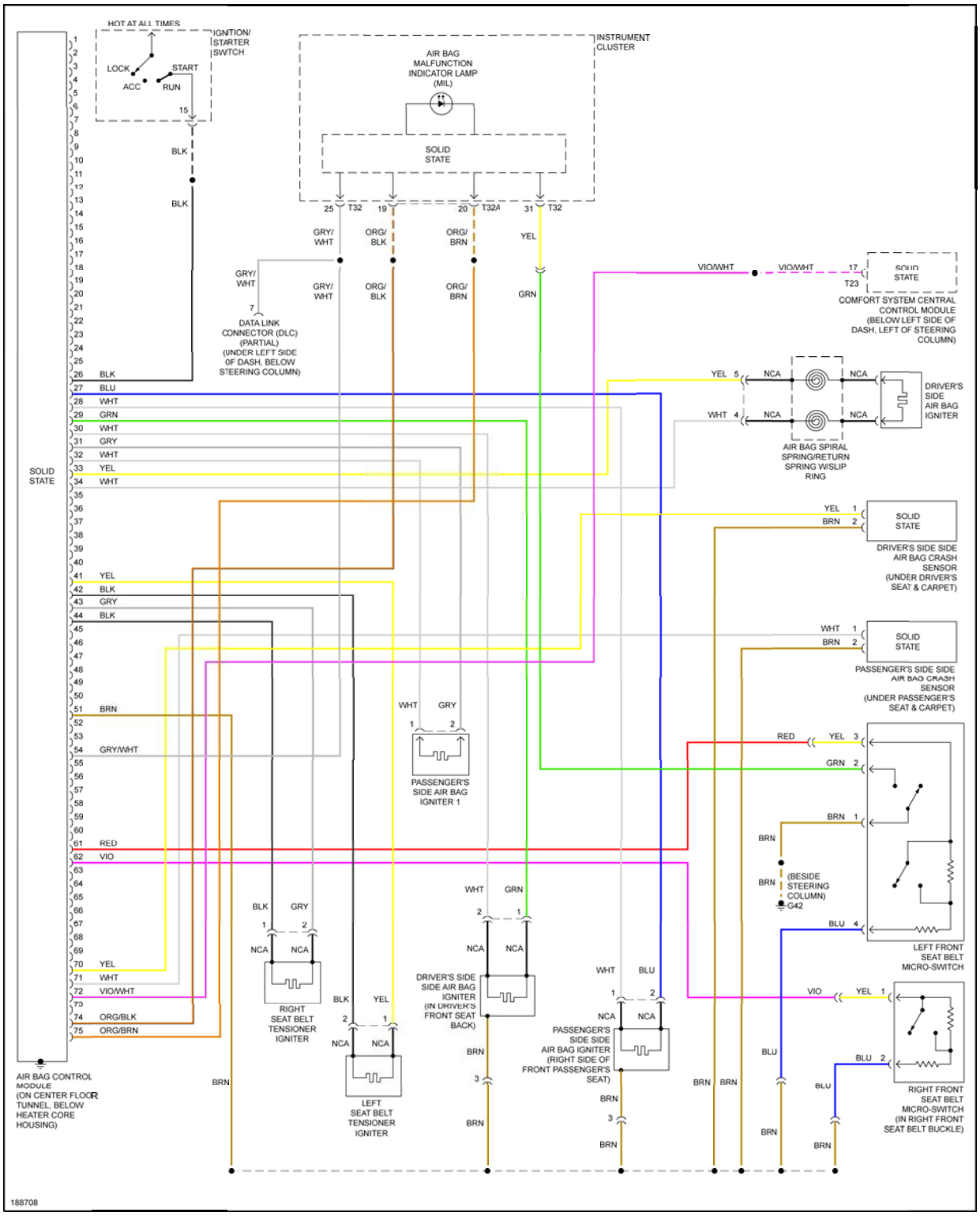
HOT AT ALL TIMES
IGNITION/ STARTER SWITCH
LOCK
START
ACC
RUN
15
BLK
BLK
INSTRUMENT CLUSTER
AIR BAG MALFUNCTION INDICATOR LAMP (MIL)
SOLID STATE
25 T32
19
20 T32A
31 T32
GRY/ WHT
ORG/ BLK
ORG/ BRN
YEL
GRN
GRY/ WHT
7
DATA LINK CONNECTOR (DLC) (PARTIAL) (UNDER LEFT SIDE OF DASH, BELOW STEERING COLUMN)
VIO/WHT
17 T23
SOLID STATE
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH, LEFT OF STEERING COLUMN)
SOLID STATE
AIR BAG CONTROL MODULE (ON CENTER FLOOR TUNNEL, BELOW HEATER CORE HOUSING)
BLK
BLU
WHT
GRN
WHT
GRY
WHT
YEL
WHT
YEL
BLK
GRY
BLK
BRN
GRY/WHT
RED
VIO
YEL
WHT
VIO/WHT
ORG/BLK
ORG/BRN
YEL 5
WHT 4
NCA
DRIVER'S SIDE AIR BAG IGNITER
AIR BAG SPIRAL SPRING/RETURN SPRING W/SLIP RING
YEL 1
BRN 2
DRIVER'S SIDE SIDE AIR BAG CRASH SENSOR (UNDER DRIVER'S SEAT & CARPET)
WHT 1
BRN 2
PASSENGER'S SIDE SIDE AIR BAG CRASH SENSOR (UNDER PASSENGER'S SEAT & CARPET)
WHT GRY
PASSENGER'S SIDE AIR BAG IGNITER 1
RED
YEL 3
GRN 2
BRN 1
BRN
BRN
(BESIDE STEERING COLUMN)
G42
BLU 4
LEFT FRONT SEAT BELT MICRO-SWITCH
BLK GRY
RIGHT SEAT BELT TENSIONER IGNITER
BLK YEL
LEFT SEAT BELT TENSIONER IGNITER
WHT GRN
DRIVER'S SIDE SIDE AIR BAG IGNITER (IN DRIVER'S FRONT SEAT BACK)
WHT BLU
PASSENGER'S SIDE SIDE AIR BAG IGNITER (RIGHT SIDE OF FRONT PASSENGER'S SEAT)
VIO
YEL 1
BLU 2
RIGHT FRONT SEAT BELT MICRO-SWITCH (IN RIGHT FRONT SEAT BELT BUCKLE)
BRN
BLU
188708

**Fig. 75: Supplemental Restraints Circuit**

# TRANSMISSION

## 1.8L TURBO

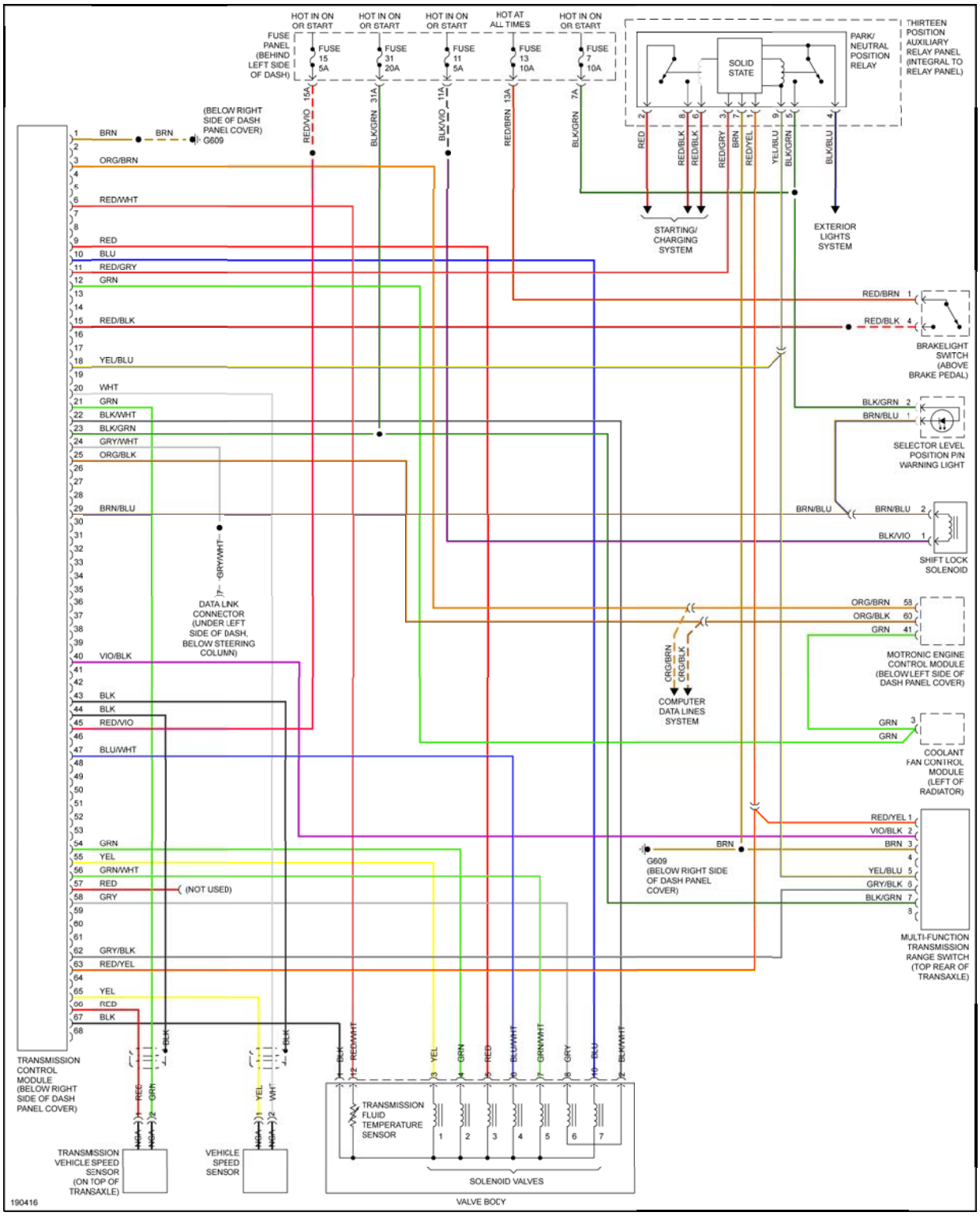
HOT IN ON OR START
HOT IN ON OR START
HOT IN ON OR START
HOT AT ALL TIMES
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 15 5A
FUSE 31 20A
FUSE 11 5A
FUSE 13 10A
FUSE 7 10A
15A
31A
11A
13A
7A
RED/VIO
BLK/GRN
BLK/VIO
RED/BRN
BLK/GRN
SOLID STATE
PARK/ NEUTRAL POSITION RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (INTEGRAL TO RELAY PANEL)
RED
RED/BLK
RED/BLK
RED/GRY
BRN
RED/YEL
YEL/BLU
BLK/GRN
BLK/BLU
STARTING/ CHARGING SYSTEM
EXTERIOR LIGHTS SYSTEM
(BELOW RIGHT SIDE OF DASH PANEL COVER) G609
BRN
BRN
ORG/BRN
RED/WHT
RED
BLU
RED/GRY
GRN
RED/BLK
YEL/BLU
WHT
GRN
BLK/WHT
BLK/GRN
GRY/WHT
ORG/BLK
BRN/BLU
VIO/BLK
BLK
BLK
RED/VIO
BLU/WHT
GRN
YEL
GRN/WHT
RED
GRY
GRY/BLK
RED/YEL
YEL
RED
BLK
RED/BRN 1
RED/BLK 4
BRAKELIGHT SWITCH (ABOVE BRAKE PEDAL)
BLK/GRN 2
BRN/BLU 1
SELECTOR LEVEL POSITION P/N WARNING LIGHT
BRN/BLU
BRN/BLU 2
BLK/VIO 1
SHIFT LOCK SOLENOID
GRY/WHT
DATA LINK CONNECTOR (UNDER LEFT SIDE OF DASH, BELOW STEERING COLUMN)
ORG/BRN 58
ORG/BLK 60
GRN 41
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
ORG/BRN
ORG/BLK
COMPUTER DATA LINES SYSTEM
GRN 3
GRN
COOLANT FAN CONTROL MODULE (LEFT OF RADIATOR)
(NOT USED)
RED/YEL 1
VIO/BLK 2
BRN 3
4
YEL/BLU 5
GRY/BLK 6
BLK/GRN 7
8
BRN
G609 (BELOW RIGHT SIDE OF DASH PANEL COVER)
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (TOP REAR OF TRANSAXLE)
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH PANEL COVER)
TRANSMISSION VEHICLE SPEED SENSOR (ON TOP OF TRANSAXLE)
VEHICLE SPEED SENSOR
TRANSMISSION FLUID TEMPERATURE SENSOR
SOLENOID VALVES
VALVE BODY
190416

**Fig. 76: 1.8L Turbo, A/T Circuit, 4 Speed A/T**

**1.9L TURBO DIESEL**

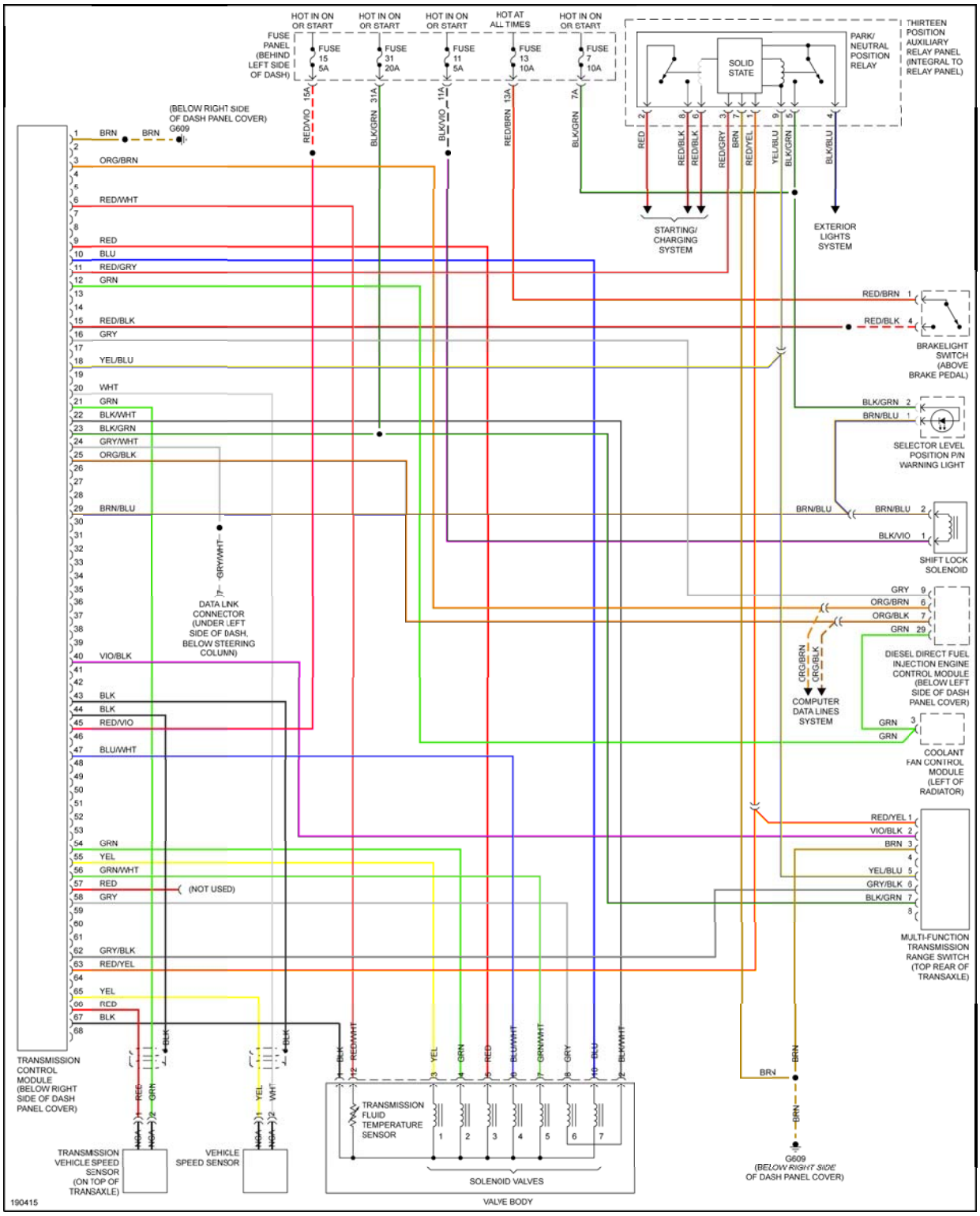
HOT IN ON OR START
HOT IN ON OR START
HOT IN ON OR START
HOT AT ALL TIMES
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 15 5A
FUSE 31 20A
FUSE 11 5A
FUSE 13 10A
FUSE 7 10A
15A
31A
11A
13A
7A
RED/VIO
BLK/GRN
BLK/VIO
RED/BRN
BLK/GRN
SOLID STATE
PARK/ NEUTRAL POSITION RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (INTEGRAL TO RELAY PANEL)
RED
RED/BLK
RED/BLK
RED/GRY
BRN
RED/YEL
YEL/BLU
BLK/GRN
BLK/BLU
STARTING/ CHARGING SYSTEM
EXTERIOR LIGHTS SYSTEM
(BELOW RIGHT SIDE OF DASH PANEL COVER)
G609
BRN
BRN
ORG/BRN
RED/WHT
RED
BLU
RED/GRY
GRN
RED/BLK
GRY
YEL/BLU
WHT
GRN
BLK/WHT
BLK/GRN
GRY/WHT
ORG/BLK
BRN/BLU
VIO/BLK
BLK
BLK
RED/VIO
BLU/WHT
GRN
YEL
GRN/WHT
RED
GRY
(NOT USED)
GRY/BLK
RED/YEL
YEL
RED
BLK
RED/BRN 1
RED/BLK 4
BRAKELIGHT SWITCH (ABOVE BRAKE PEDAL)
BLK/GRN 2
BRN/BLU 1
SELECTOR LEVEL POSITION P/N WARNING LIGHT
BRN/BLU
BRN/BLU 2
BLK/VIO 1
SHIFT LOCK SOLENOID
GRY/WHT
DATA LINK CONNECTOR (UNDER LEFT SIDE OF DASH, BELOW STEERING COLUMN)
GRY 9
ORG/BRN 6
ORG/BLK 7
GRN 29
ORG/BRN
ORG/BLK
COMPUTER DATA LINES SYSTEM
DIESEL DIRECT FUEL INJECTION ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
GRN 3
GRN
COOLANT FAN CONTROL MODULE (LEFT OF RADIATOR)
RED/YEL 1
VIO/BLK 2
BRN 3
4
YEL/BLU 5
GRY/BLK 6
BLK/GRN 7
8
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (TOP REAR OF TRANSAXLE)
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH PANEL COVER)
RED
GRN
YEL
WHT
BLK
BLK
RED/WHT
YEL
GRN
RED
BLU/WHT
GRN/WHT
GRY
BLU
BLK/WHT
TRANSMISSION FLUID TEMPERATURE SENSOR
1
2
3
4
5
6
7
SOLENOID VALVES
VALVE BODY
TRANSMISSION VEHICLE SPEED SENSOR (ON TOP OF TRANSAXLE)
VEHICLE SPEED SENSOR
BRN
BRN
G609
(BELOW RIGHT SIDE OF DASH PANEL COVER)
190415

**Fig. 77: 1.9L Turbo Diesel, A/T Circuit**

**2.0L**

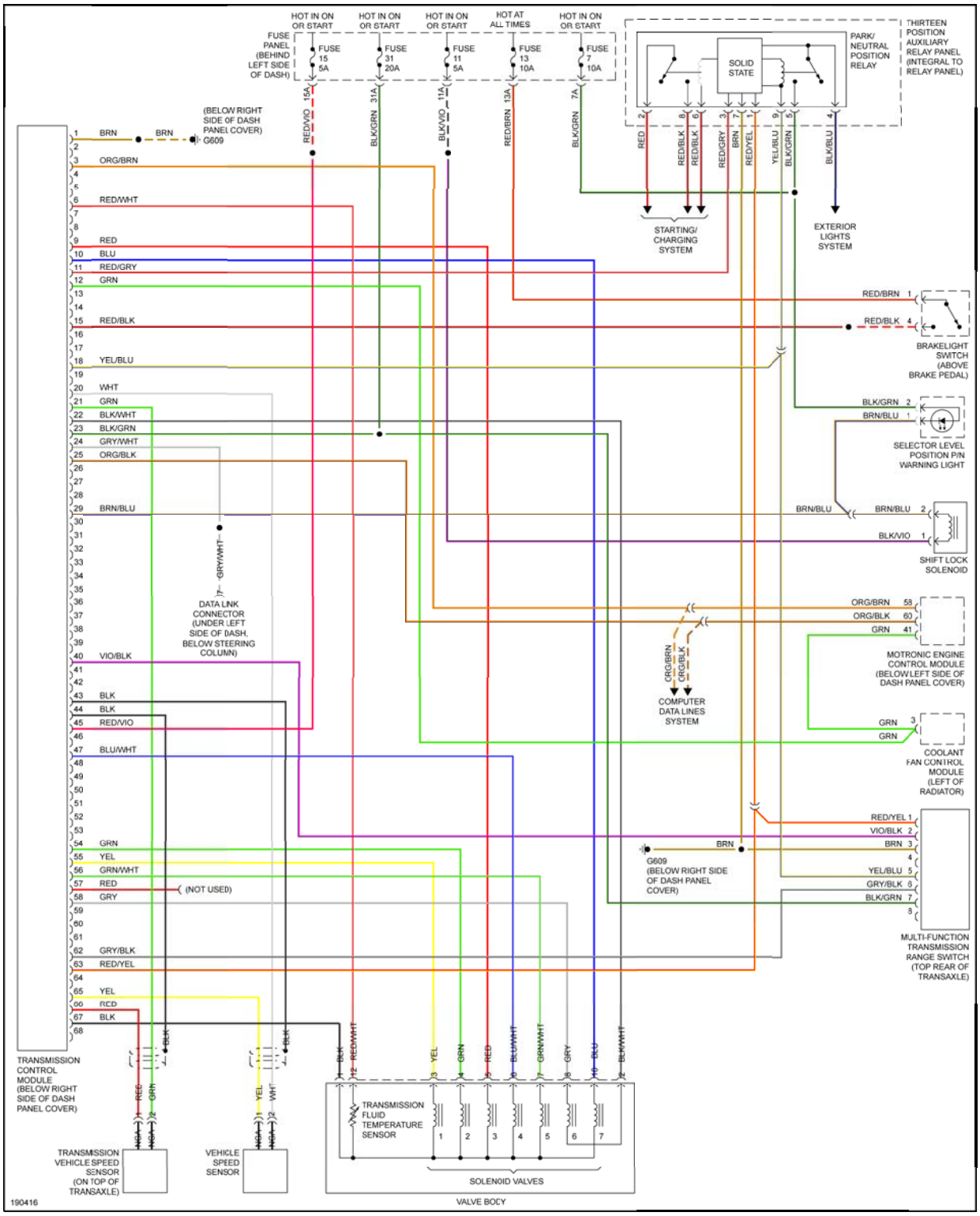
HOT IN ON OR START
HOT IN ON OR START
HOT IN ON OR START
HOT AT ALL TIMES
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 15 5A
FUSE 31 20A
FUSE 11 5A
FUSE 13 10A
FUSE 7 10A
15A
31A
11A
13A
7A
RED/VIO
BLK/GRN
BLK/VIO
RED/BRN
BLK/GRN
SOLID STATE
PARK/ NEUTRAL POSITION RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (INTEGRAL TO RELAY PANEL)
RED
RED/BLK
RED/BLK
RED/GRY
BRN
RED/YEL
YEL/BLU
BLK/GRN
BLK/BLU
STARTING/ CHARGING SYSTEM
EXTERIOR LIGHTS SYSTEM
(BELOW RIGHT SIDE OF DASH PANEL COVER) G609
BRN
BRN
ORG/BRN
RED/WHT
RED
BLU
RED/GRY
GRN
RED/BLK
YEL/BLU
WHT
GRN
BLK/WHT
BLK/GRN
GRY/WHT
ORG/BLK
BRN/BLU
VIO/BLK
BLK
BLK
RED/VIO
BLU/WHT
GRN
YEL
GRN/WHT
RED
GRY
GRY/BLK
RED/YEL
YEL
RED
BLK
RED/BRN 1
RED/BLK 4
BRAKELIGHT SWITCH (ABOVE BRAKE PEDAL)
BLK/GRN 2
BRN/BLU 1
SELECTOR LEVEL POSITION P/N WARNING LIGHT
BRN/BLU
BRN/BLU 2
BLK/VIO 1
SHIFT LOCK SOLENOID
GRY/WHT
DATA LINK CONNECTOR (UNDER LEFT SIDE OF DASH, BELOW STEERING COLUMN)
ORG/BRN 58
ORG/BLK 60
GRN 41
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
ORG/BRN
ORG/BLK
COMPUTER DATA LINES SYSTEM
GRN 3
GRN
COOLANT FAN CONTROL MODULE (LEFT OF RADIATOR)
(NOT USED)
RED/YEL 1
VIO/BLK 2
BRN 3
4
YEL/BLU 5
GRY/BLK 6
BLK/GRN 7
8
BRN
G609 (BELOW RIGHT SIDE OF DASH PANEL COVER)
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (TOP REAR OF TRANSAXLE)
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH PANEL COVER)
TRANSMISSION VEHICLE SPEED SENSOR (ON TOP OF TRANSAXLE)
VEHICLE SPEED SENSOR
TRANSMISSION FLUID TEMPERATURE SENSOR
SOLENOID VALVES
VALVE BODY
190416

**Fig. 78: 2.0L, A/T Circuit, 4 Speed A/T**

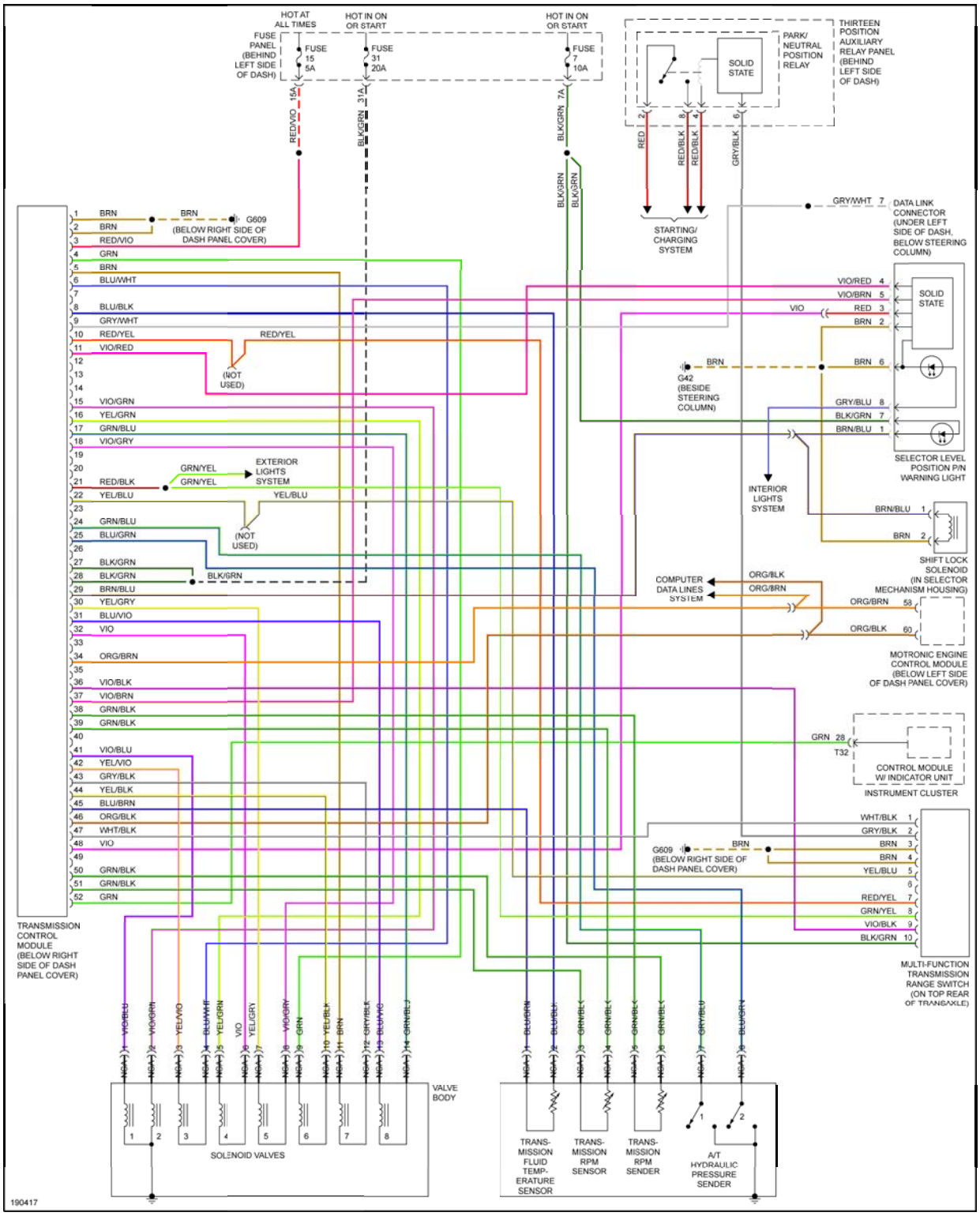
HOT AT ALL TIMES
HOT IN ON OR START
HOT IN ON OR START
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 15 5A
FUSE 31 20A
FUSE 7 10A
15A
31A
7A
RED/VIO
BLK/GRN
BLK/GRN
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH)
PARK/ NEUTRAL POSITION RELAY
SOLID STATE
RED
RED/BLK
RED/BLK
GRY/BLK
STARTING/ CHARGING SYSTEM
DATA LINK CONNECTOR (UNDER LEFT SIDE OF DASH, BELOW STEERING COLUMN)
GRY/WHT 7
SOLID STATE
VIO/RED 4
VIO/BRN 5
VIO
RED 3
BRN 2
BRN 6
G42 (BESIDE STEERING COLUMN)
GRY/BLU 8
BLK/GRN 7
BRN/BLU 1
SELECTOR LEVEL POSITION P/N WARNING LIGHT
INTERIOR LIGHTS SYSTEM
BRN/BLU 1
BRN 2
SHIFT LOCK SOLENOID (IN SELECTOR MECHANISM HOUSING)
COMPUTER DATA LINES SYSTEM
ORG/BLK
ORG/BRN
ORG/BRN 58
ORG/BLK 60
MOTRONIC ENGINE CONTROL MODULE (BELOW LEFT SIDE OF DASH PANEL COVER)
GRN 28
T32
CONTROL MODULE W/ INDICATOR UNIT
INSTRUMENT CLUSTER
WHT/BLK 1
GRY/BLK 2
BRN 3
BRN 4
YEL/BLU 5
6
RED/YEL 7
GRN/YEL 8
VIO/BLK 9
BLK/GRN 10
G609 (BELOW RIGHT SIDE OF DASH PANEL COVER)
BRN
MULTI-FUNCTION TRANSMISSION RANGE SWITCH (ON TOP REAR OF TRANSAXLE)
1 BRN
2 BRN
3 RED/VIO
4 GRN
5 BRN
6 BLU/WHT
7
8 BLU/BLK
9 GRY/WHT
10 RED/YEL
11 VIO/RED
12
13
14
15 VIO/GRN
16 YEL/GRN
17 GRN/BLU
18 VIO/GRY
19
20
21 RED/BLK
22 YEL/BLU
23
24 GRN/BLU
25 BLU/GRN
26
27 BLK/GRN
28 BLK/GRN
29 BRN/BLU
30 YEL/GRY
31 BLU/VIO
32 VIO
33
34 ORG/BRN
35
36 VIO/BLK
37 VIO/BRN
38 GRN/BLK
39 GRN/BLK
40
41 VIO/BLU
42 YEL/VIO
43 GRY/BLK
44 YEL/BLK
45 BLU/BRN
46 ORG/BLK
47 WHT/BLK
48 VIO
49
50 GRN/BLK
51 GRN/BLK
52 GRN
RED/YEL
(NOT USED)
GRN/YEL
GRN/YEL
EXTERIOR LIGHTS SYSTEM
YEL/BLU
YEL/BLU
(NOT USED)
BLK/GRN
TRANSMISSION CONTROL MODULE (BELOW RIGHT SIDE OF DASH PANEL COVER)
VIO/BLU
VIO/GRN
YEL/VIO
BLU/WHT
YEL/GRN
VIO
YEL/GRY
VIO/GRY
GRN
YEL/BLK
BRN
GRY/BLK
BLU/VIO
GRN/BLK
BLU/GRN
BLU/BLK
GRN/BLK
GRN/BLK
GRY/BLU
BLU/GRN
VALVE BODY
SOLENOID VALVES
TRANS-MISSION FLUID TEMP-ERATURE SENSOR
TRANS-MISSION RPM SENSOR
TRANS-MISSION RPM SENDER
A/T HYDRAULIC PRESSURE SENDER
190417

**Fig. 79: 2.0L, A/T Circuit, 6 Speed A/T**

# TRUNK, TAILGATE, FUEL DOOR

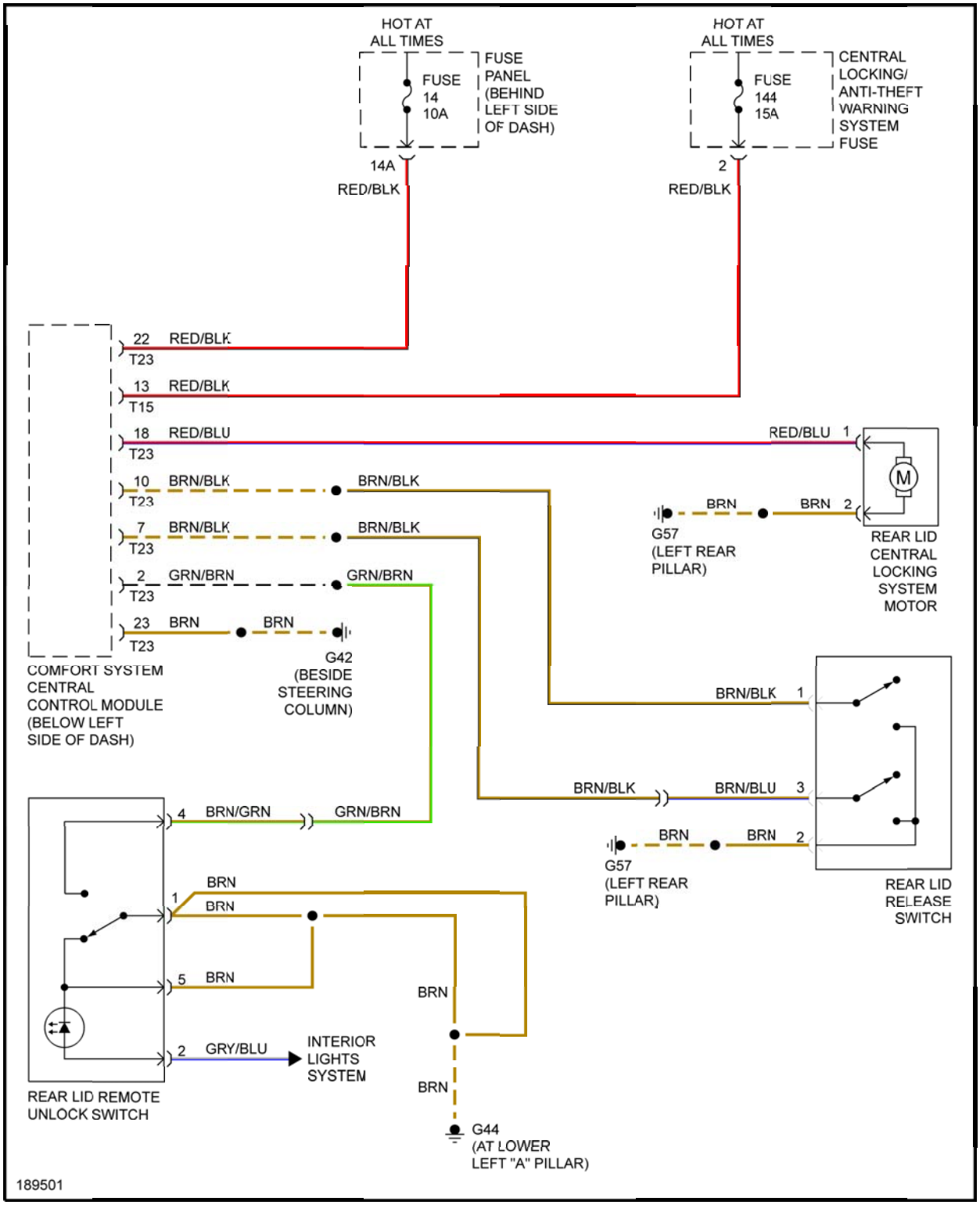
HOT AT ALL TIMES
FUSE 14 10A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
14A
RED/BLK
HOT AT ALL TIMES
FUSE 144 15A
CENTRAL LOCKING/ ANTI-THEFT WARNING SYSTEM FUSE
2
RED/BLK
22 RED/BLK T23
13 RED/BLK T15
18 RED/BLU T23
10 BRN/BLK T23
7 BRN/BLK T23
2 GRN/BRN T23
23 BRN T23
BRN
COMFORT SYSTEM CENTRAL CONTROL MODULE (BELOW LEFT SIDE OF DASH)
G42 (BESIDE STEERING COLUMN)
BRN/BLK
GRN/BRN
RED/BLU 1
BRN
BRN 2
G57 (LEFT REAR PILLAR)
REAR LID CENTRAL LOCKING SYSTEM MOTOR
BRN/BLK 1
BRN/BLK
BRN/BLU 3
BRN
BRN 2
G57 (LEFT REAR PILLAR)
REAR LID RELEASE SWITCH
4 BRN/GRN
GRN/BRN
1 BRN
BRN
5 BRN
2 GRY/BLU
INTERIOR LIGHTS SYSTEM
REAR LID REMOTE UNLOCK SWITCH
BRN
BRN
G44 (AT LOWER LEFT "A" PILLAR)
189501

**Fig. 80: Deck Lid Release Circuit**

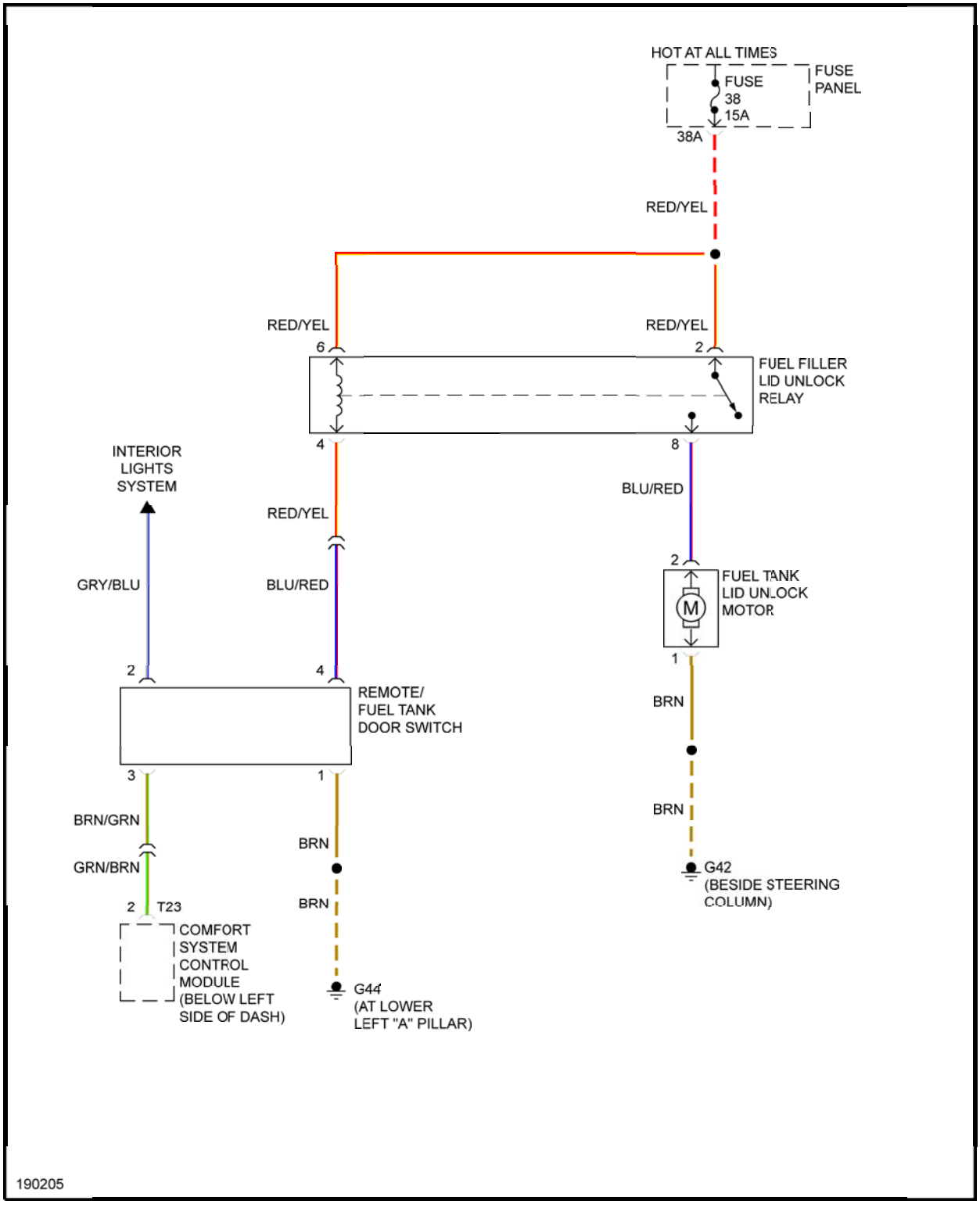
HOT AT ALL TIMES
FUSE
38
15A
FUSE
PANEL
38A
RED/YEL
RED/YEL
RED/YEL
6
2
FUEL FILLER
LID UNLOCK
RELAY
4
8
INTERIOR
LIGHTS
SYSTEM
BLU/RED
RED/YEL
2
GRY/BLU
BLU/RED
FUEL TANK
LID UNLOCK
MOTOR
M
1
2
4
REMOTE/
FUEL TANK
DOOR SWITCH
BRN
3
1
BRN/GRN
BRN
BRN
GRN/BRN
BRN
G42
(BESIDE STEERING
COLUMN)
2
T23
COMFORT
SYSTEM
CONTROL
MODULE
(BELOW LEFT
SIDE OF DASH)
G44
(AT LOWER
LEFT "A" PILLAR)
190205

**Fig. 81: Fuel Door Release Circuit, Convertible**

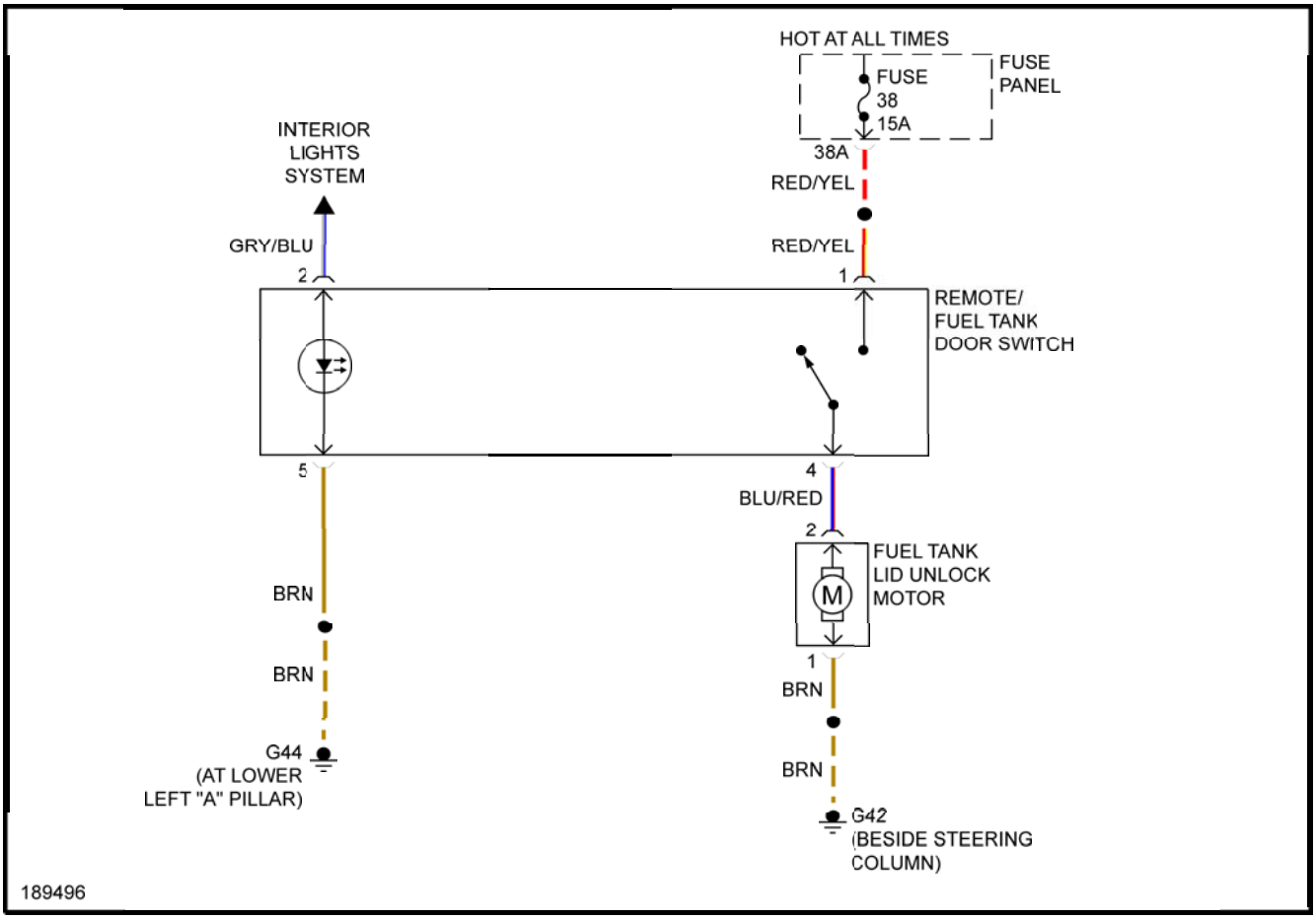
HOT AT ALL TIMES
FUSE
PANEL
FUSE
38
15A
38A
RED/YEL
RED/YEL
INTERIOR
LIGHTS
SYSTEM
GRY/BLU
2
1
REMOTE/
FUEL TANK
DOOR SWITCH
5
4
BLU/RED
2
FUEL TANK
LID UNLOCK
MOTOR
M
1
BRN
BRN
BRN
G44
(AT LOWER
LEFT "A" PILLAR)
G42
(BESIDE STEERING
COLUMN)
189496

**Fig. 82: Fuel Door Release Circuit, Except Convertible**

## WARNING SYSTEMS

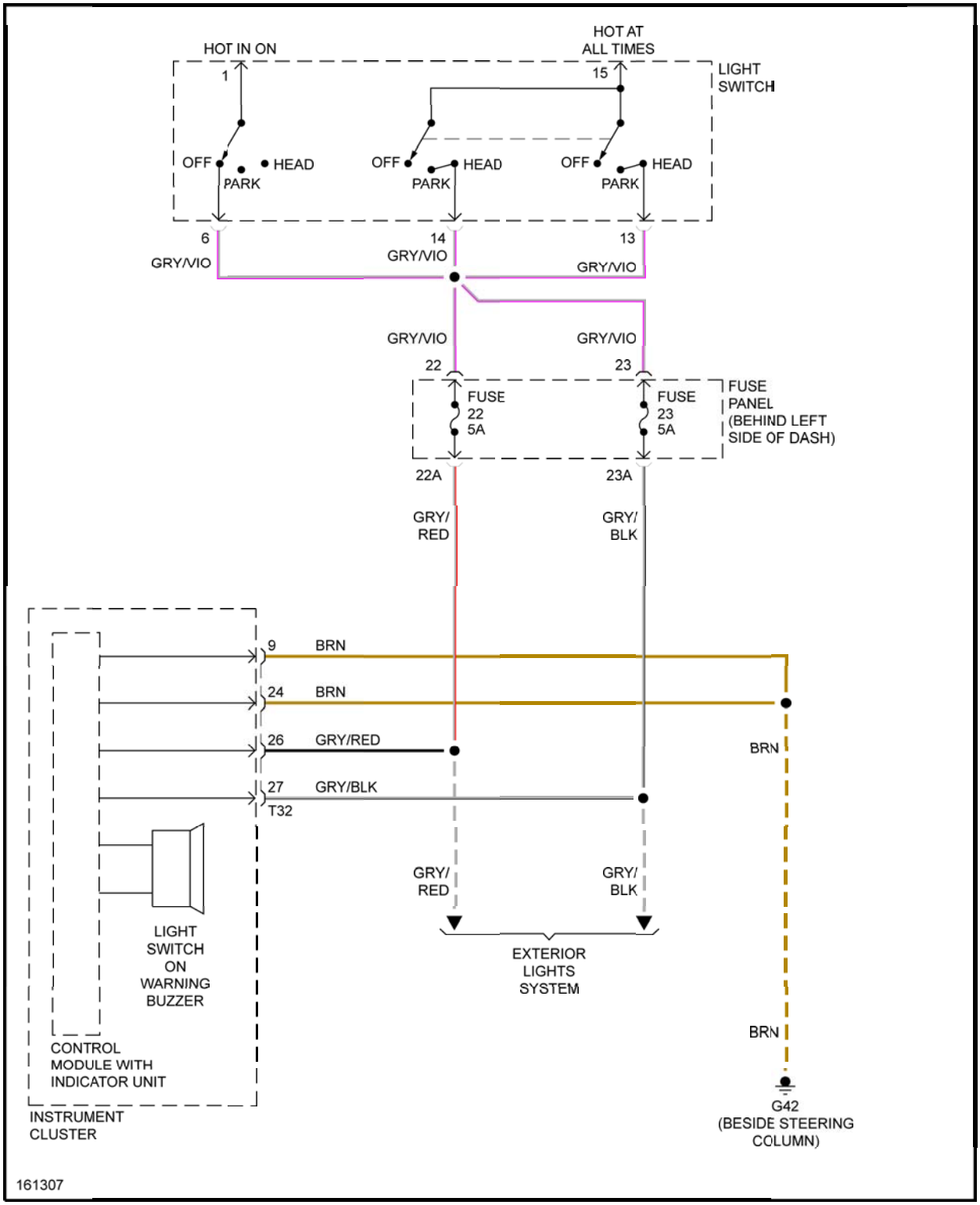
HOT IN ON
HOT AT ALL TIMES
LIGHT SWITCH
1
15
OFF
HEAD
PARK
6
GRY/VIO
14
GRY/VIO
13
GRY/VIO
22
23
FUSE 22 5A
FUSE 23 5A
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
22A
23A
GRY/ RED
GRY/ BLK
9
BRN
24
BRN
26
GRY/RED
27
GRY/BLK
T32
BRN
LIGHT SWITCH ON WARNING BUZZER
CONTROL MODULE WITH INDICATOR UNIT
INSTRUMENT CLUSTER
EXTERIOR LIGHTS SYSTEM
G42
(BESIDE STEERING COLUMN)
161307

**Fig. 83: Buzzer Circuit**

## WIPER/WASHER

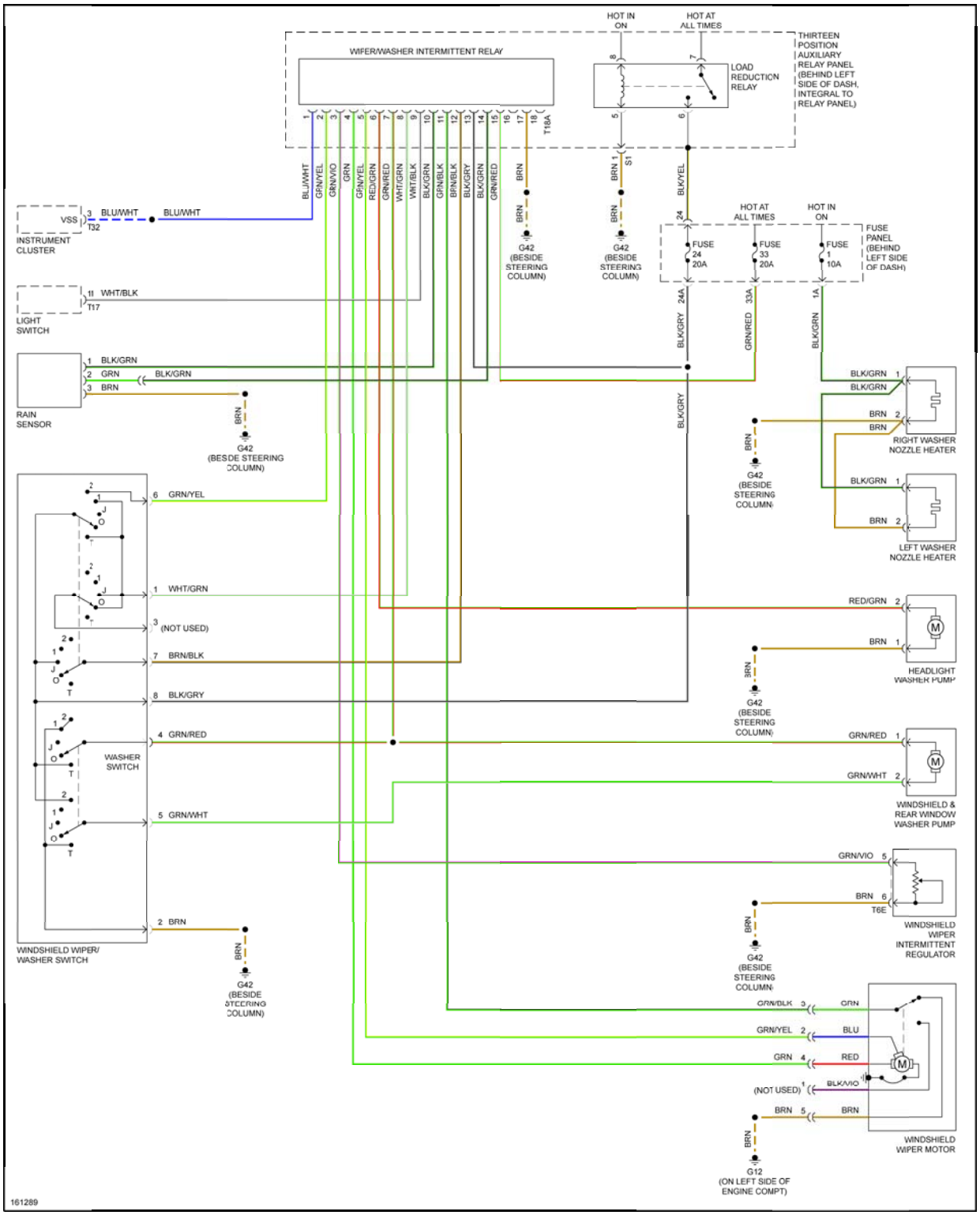
HOT IN ON
HOT AT ALL TIMES
WIPER/WASHER INTERMITTENT RELAY
LOAD REDUCTION RELAY
THIRTEEN POSITION AUXILIARY RELAY PANEL (BEHIND LEFT SIDE OF DASH, INTEGRAL TO RELAY PANEL)
T16A
BLU/WHT
GRN/YEL
GRN/VIO
GRN
GRN/YEL
RED/GRN
WHT/GRN
WHT/BLK
BLK/GRN
GRN/BLK
BRN/BLK
BLK/GRY
BLK/GRN
GRN/RED
BRN
BRN 1
S1
BLK/YEL
VSS
3 BLU/WHT
T32
INSTRUMENT CLUSTER
G42 (BESIDE STEERING COLUMN)
HOT AT ALL TIMES
HOT IN ON
FUSE PANEL (BEHIND LEFT SIDE OF DASH)
FUSE 24 20A
FUSE 33 20A
FUSE 1 10A
24
24A
33A
1A
BLK/GRY
GRN/RED
BLK/GRN
11 WHT/BLK
T17
LIGHT SWITCH
1 BLK/GRN
2 GRN
3 BRN
RAIN SENSOR
RIGHT WASHER NOZZLE HEATER
LEFT WASHER NOZZLE HEATER
6 GRN/YEL
1 WHT/GRN
3 (NOT USED)
7 BRN/BLK
8 BLK/GRY
4 GRN/RED
5 GRN/WHT
WASHER SWITCH
2 BRN
WINDSHIELD WIPER/ WASHER SWITCH
RED/GRN 2
BRN 1
HEADLIGHT WASHER PUMP
GRN/RED 1
GRN/WHT 2
WINDSHIELD & REAR WINDOW WASHER PUMP
GRN/VIO 5
BRN 6
T6E
WINDSHIELD WIPER INTERMITTENT REGULATOR
GRN/BLK 3 GRN
GRN/YEL 2 BLU
GRN 4 RED
(NOT USED) 1 BLK/VIO
BRN 5 BRN
WINDSHIELD WIPER MOTOR
G12 (ON LEFT SIDE OF ENGINE COMPT)
161289

**Fig. 84: Wiper/Washer Circuit**